

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

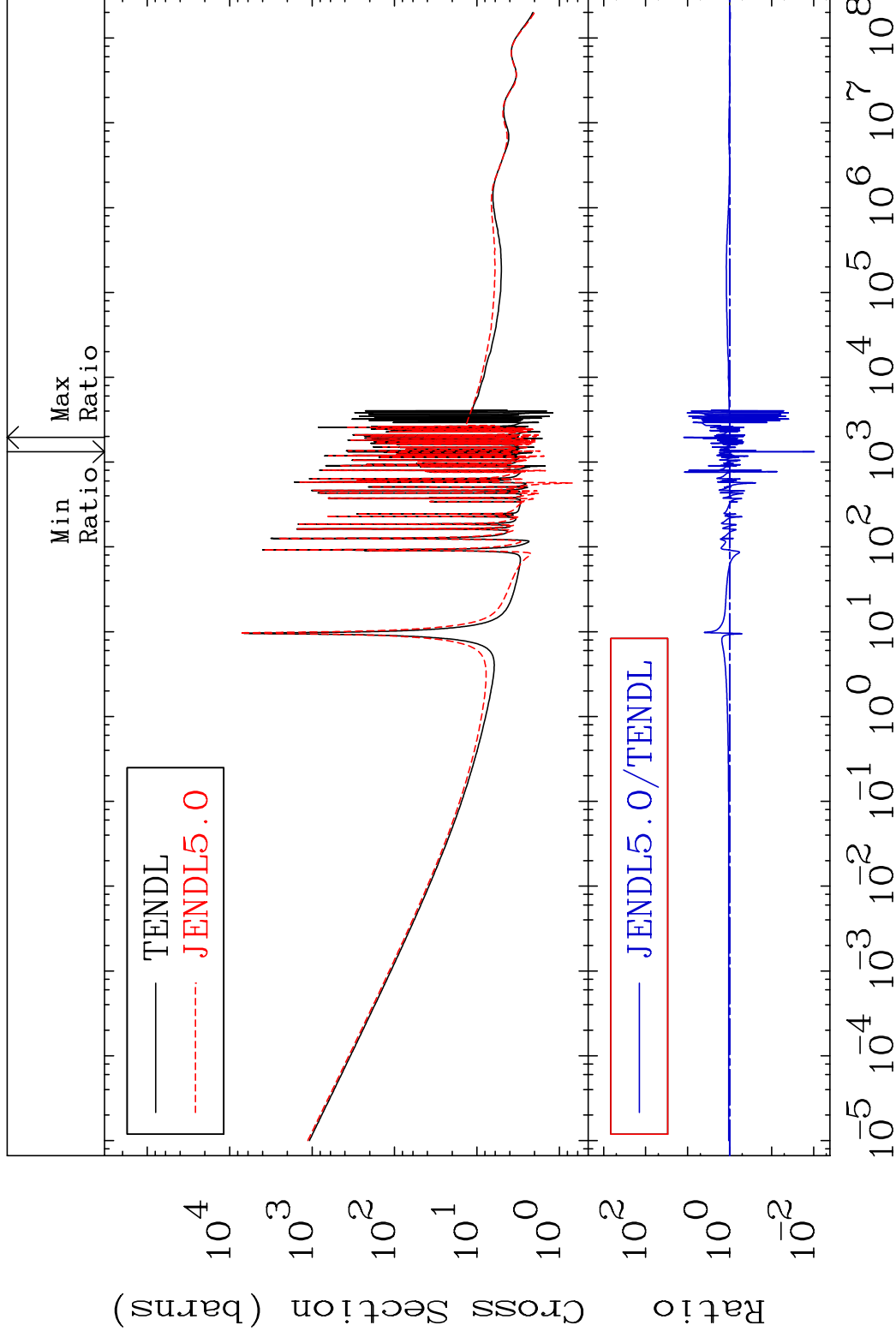
MAT 5440

Total

54-Xe-129

Cross Section

-99.03 To 1143. %



1

Incident Energy (eV)

54-Xe-129

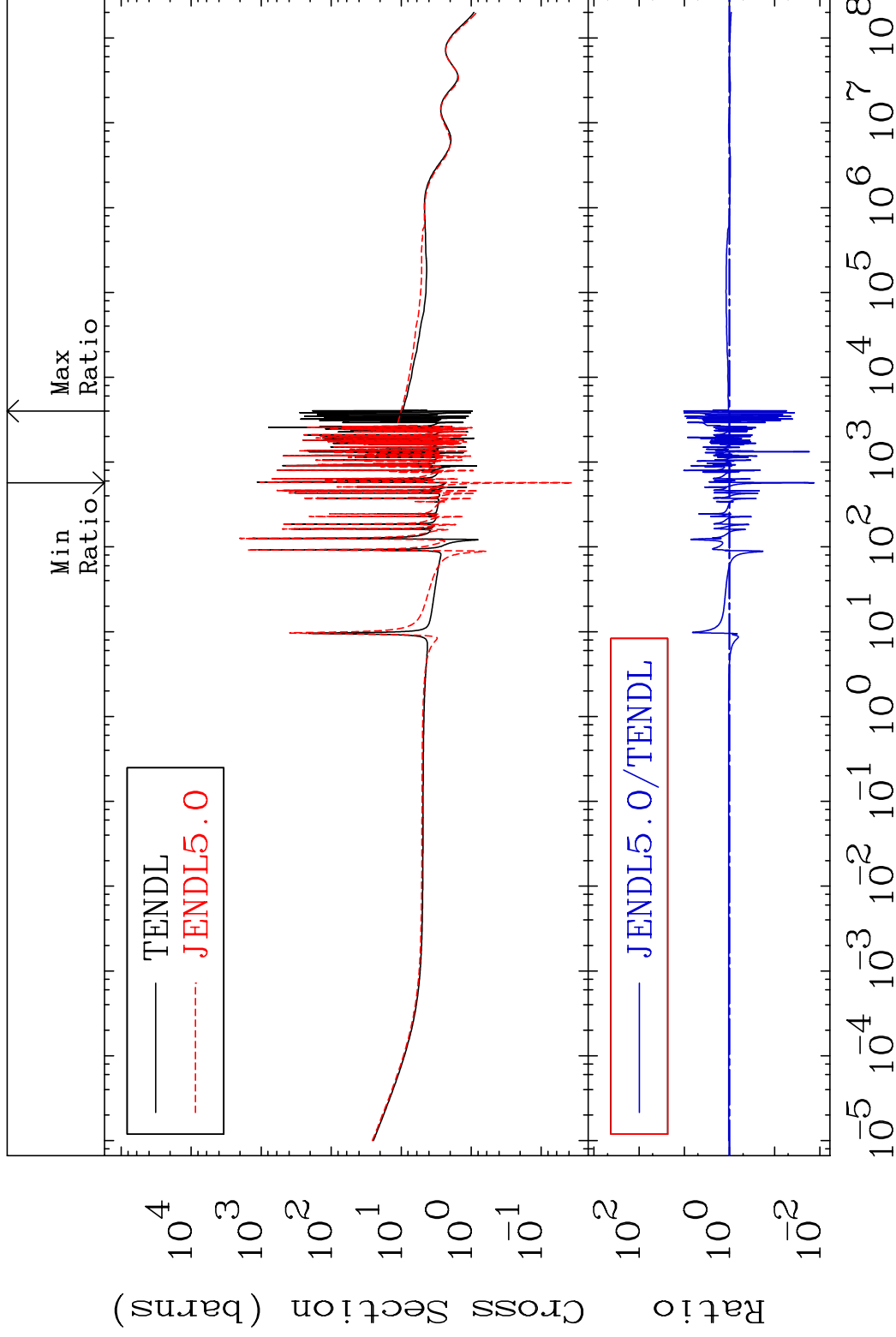
MAT 5440

Elastic

54-Xe-129

Cross Section

-98.66 To 932.7 %

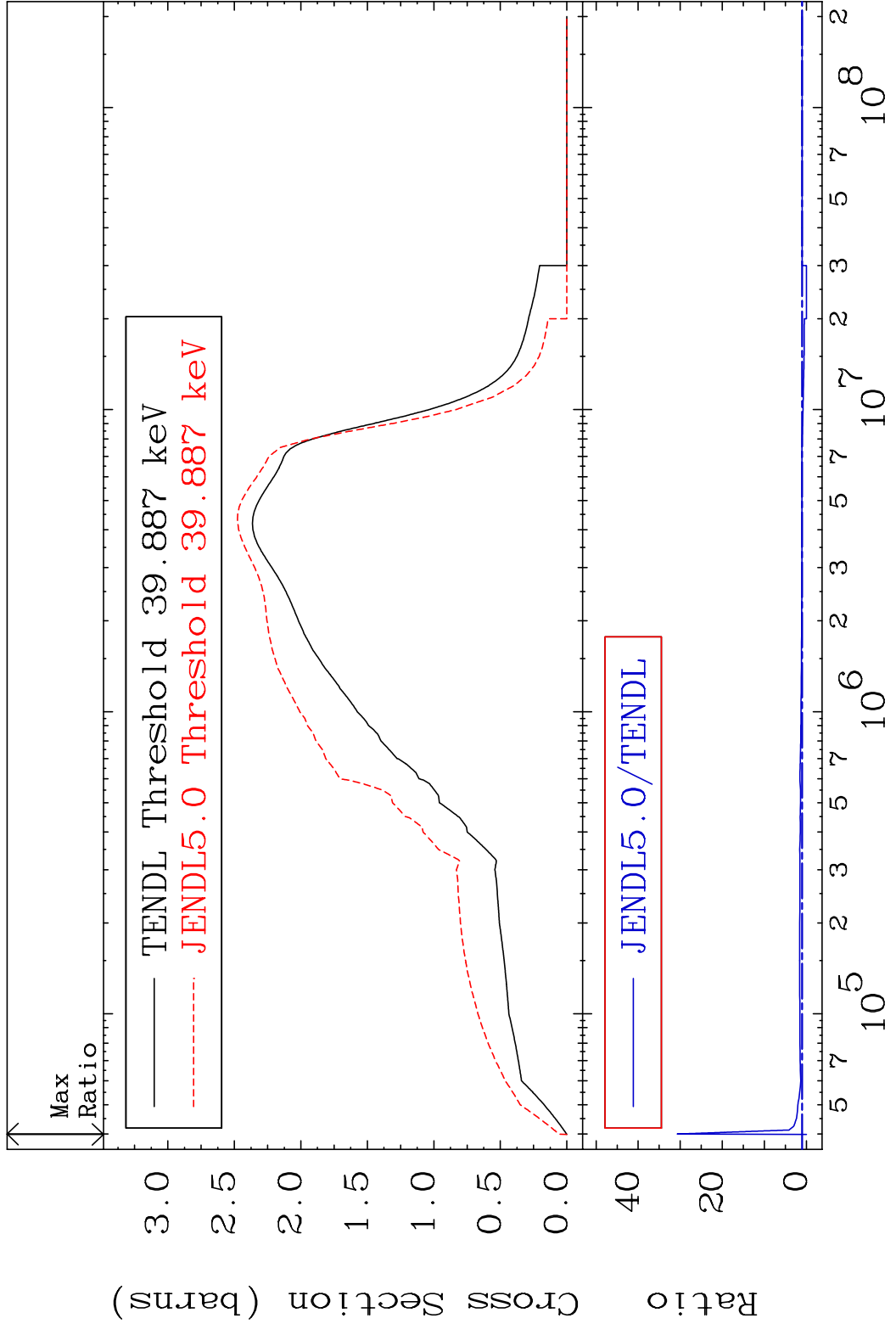


2

Incident Energy (eV)

54-Xe-129

MAT 5440 Inelastic 54-Xe-129
 Cross Section -100.0 To 2972. %

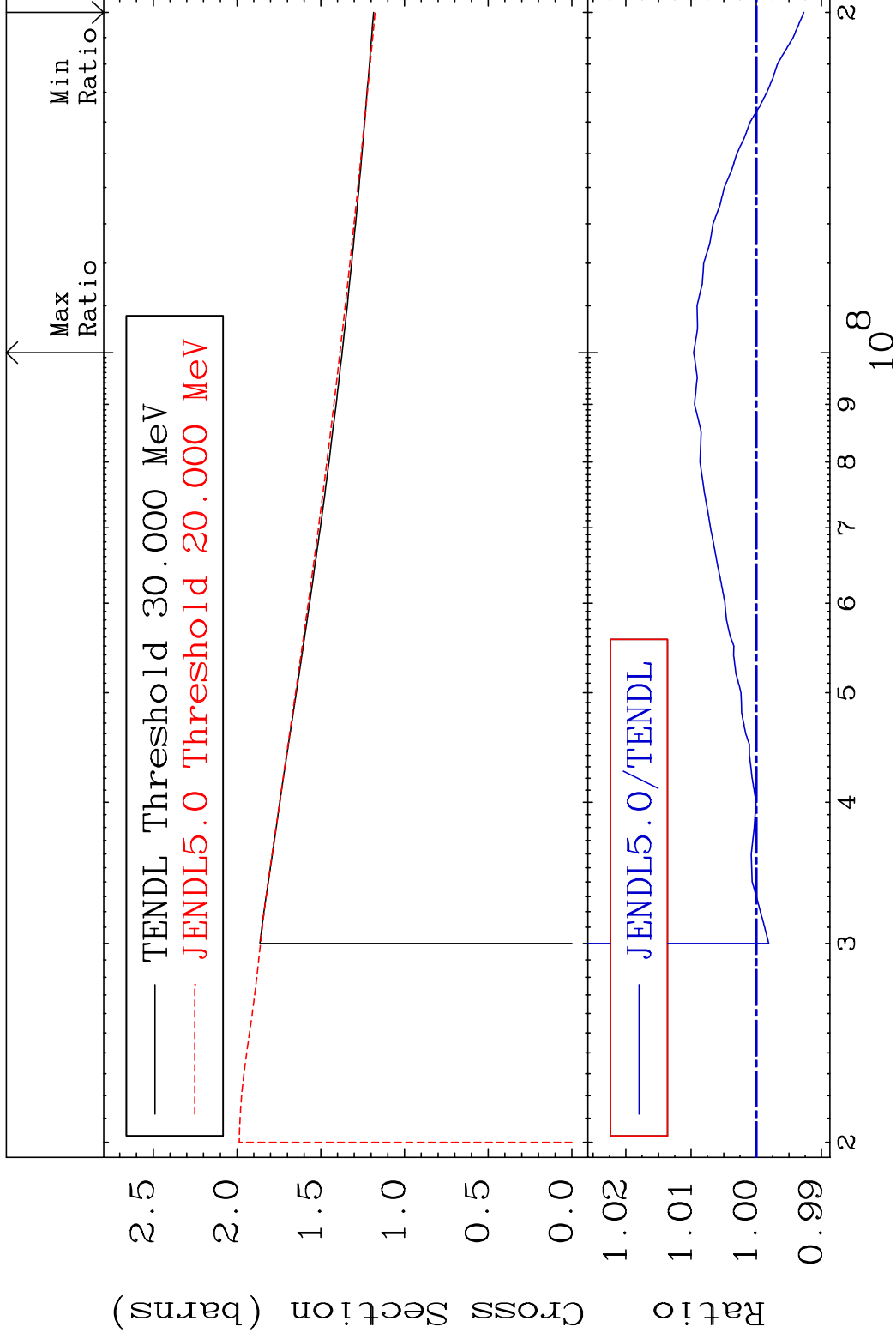


MAT 5440

(n, remainder)

54-Xe-129

Cross Section -0.729 To 0.960 %



4

Incident Energy (eV)

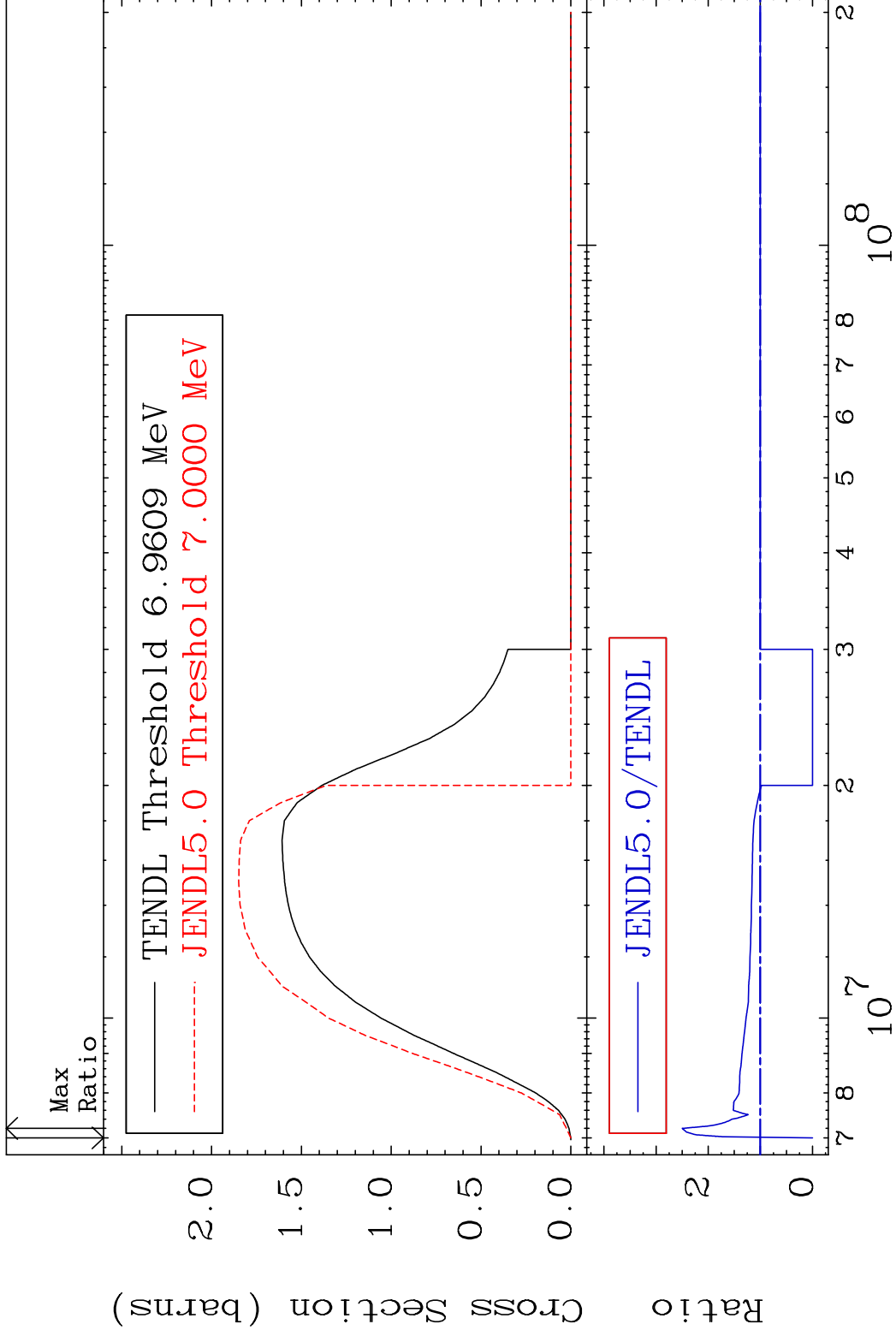
54-Xe-129

MAT 5440

(n,2n)

54-Xe-129

Cross Section -100.0 To 150.0 %



5

Incident Energy (eV)

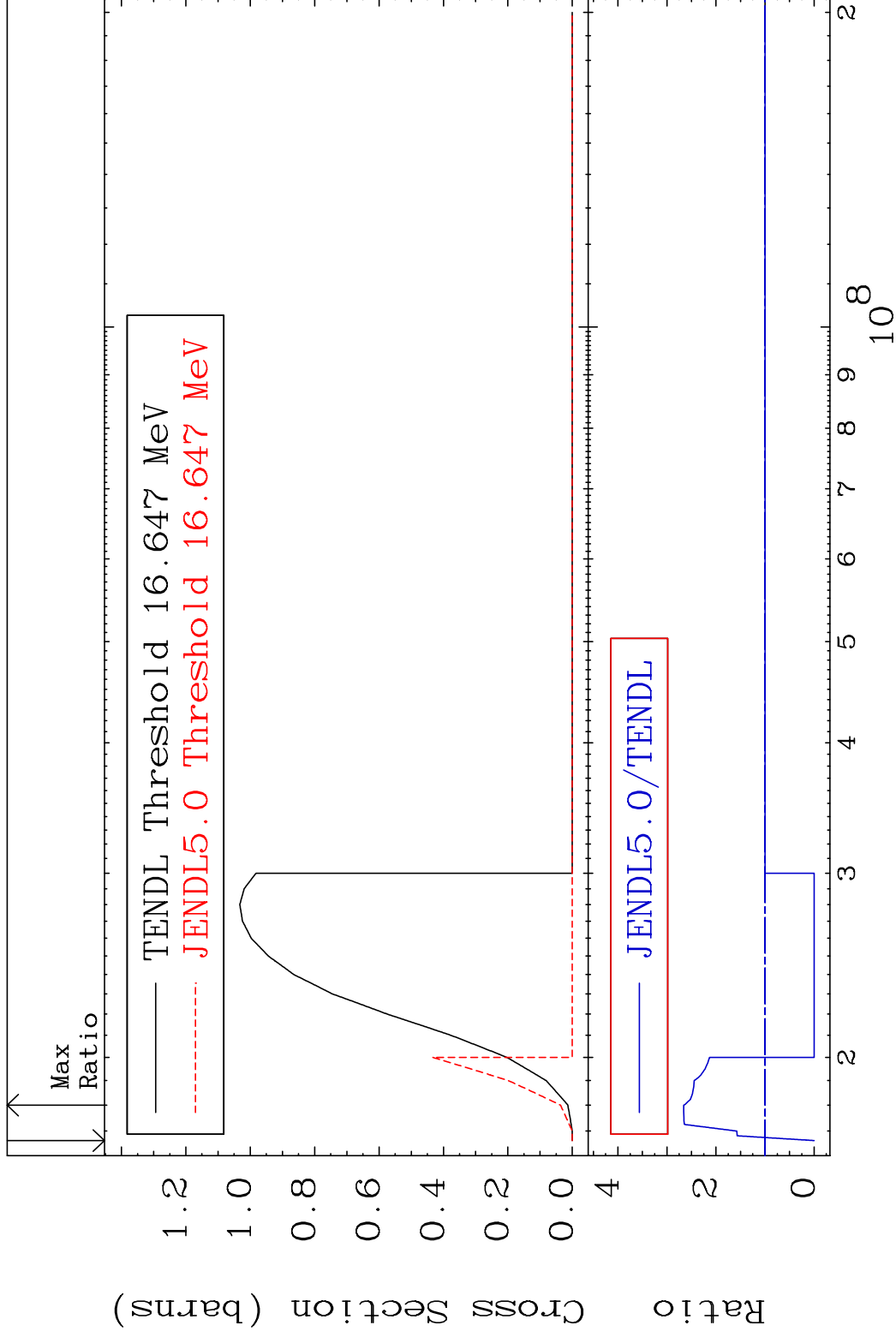
54-Xe-129

MAT 5440

(n,3n)

54-Xe-129

Cross Section -100.0 To 165.9 %



6

Incident Energy (eV)

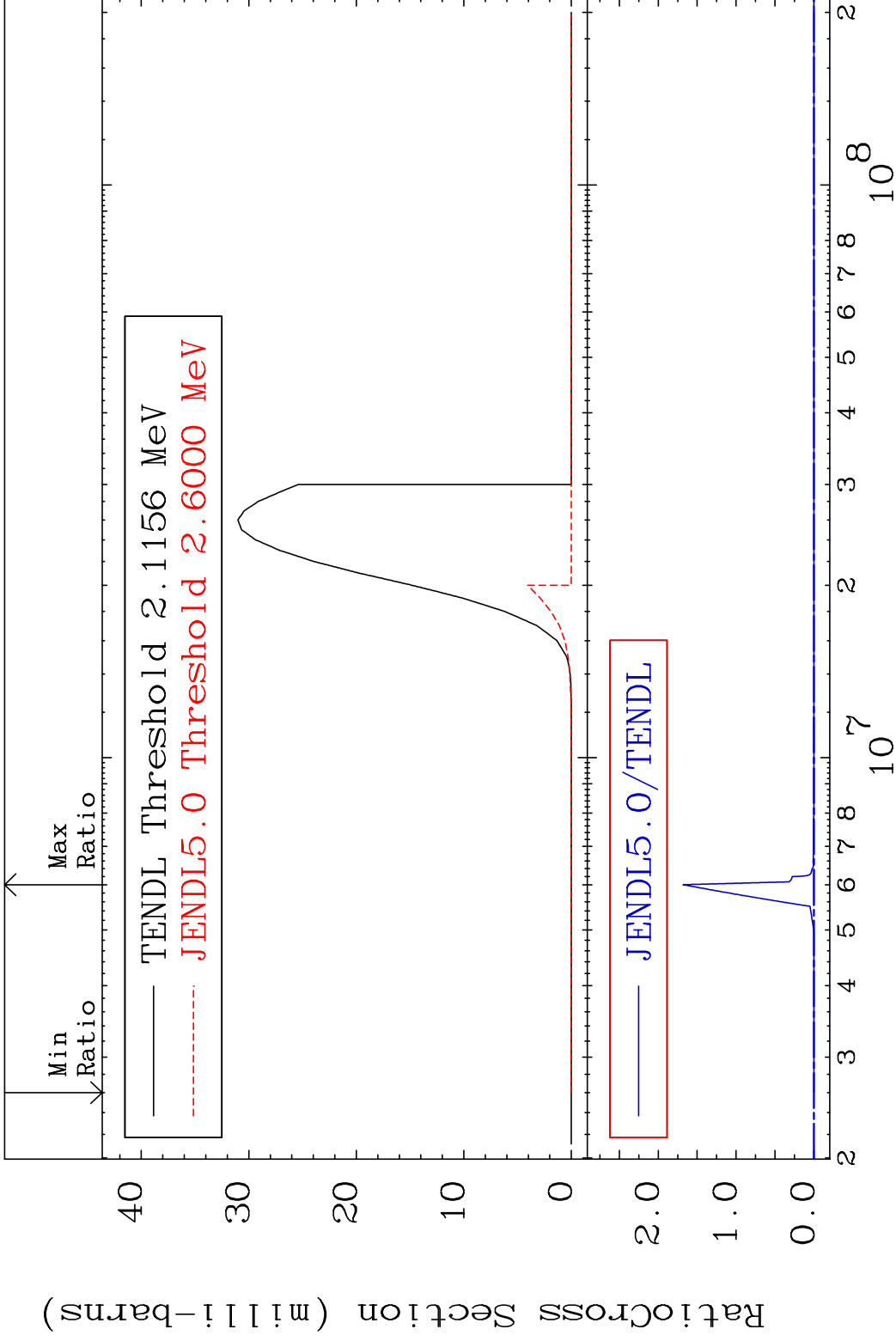
54-Xe-129

MAT 5440

(n, n') α

54-Xe-129

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

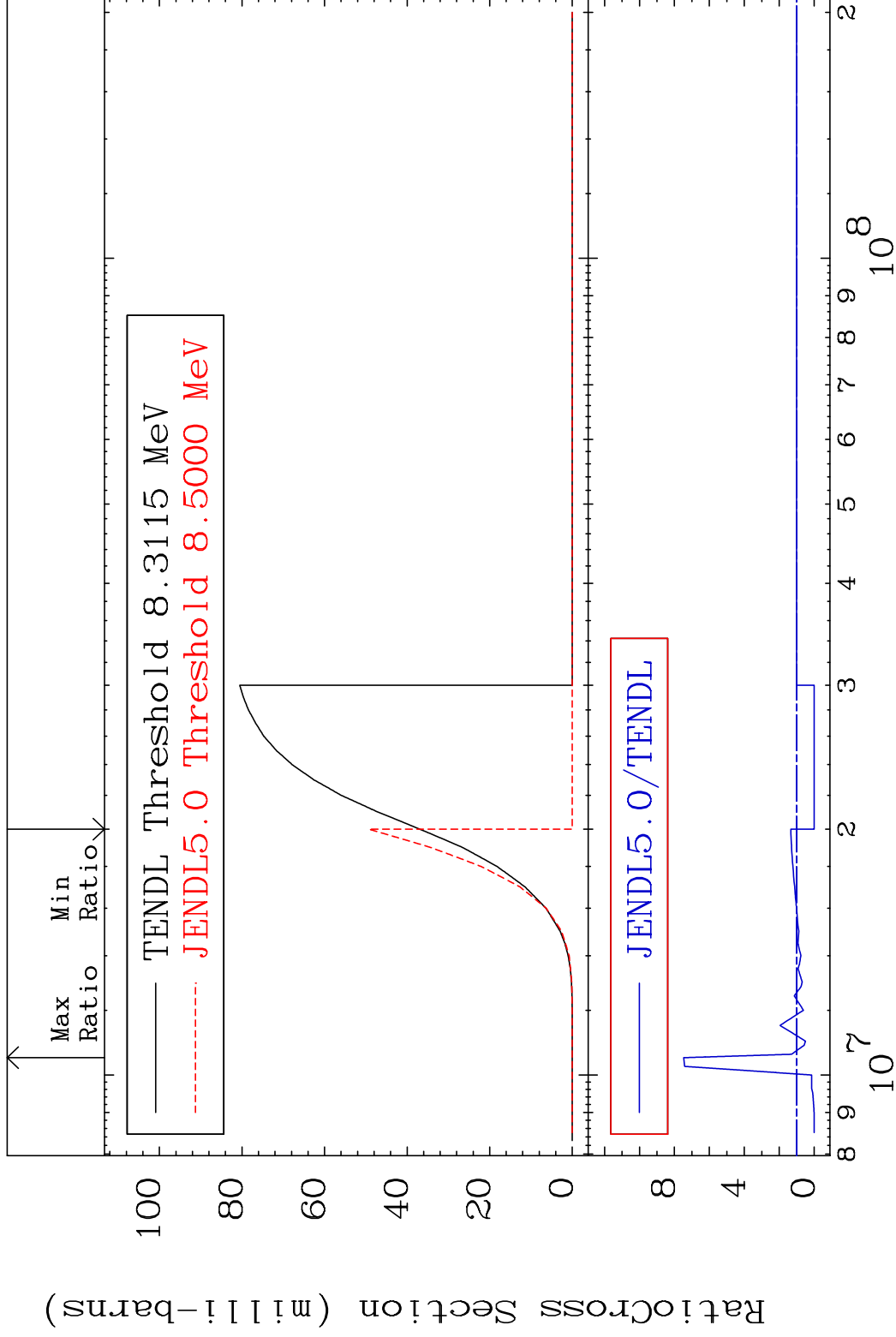
54-Xe-129

MAT 5440

(n, n') p

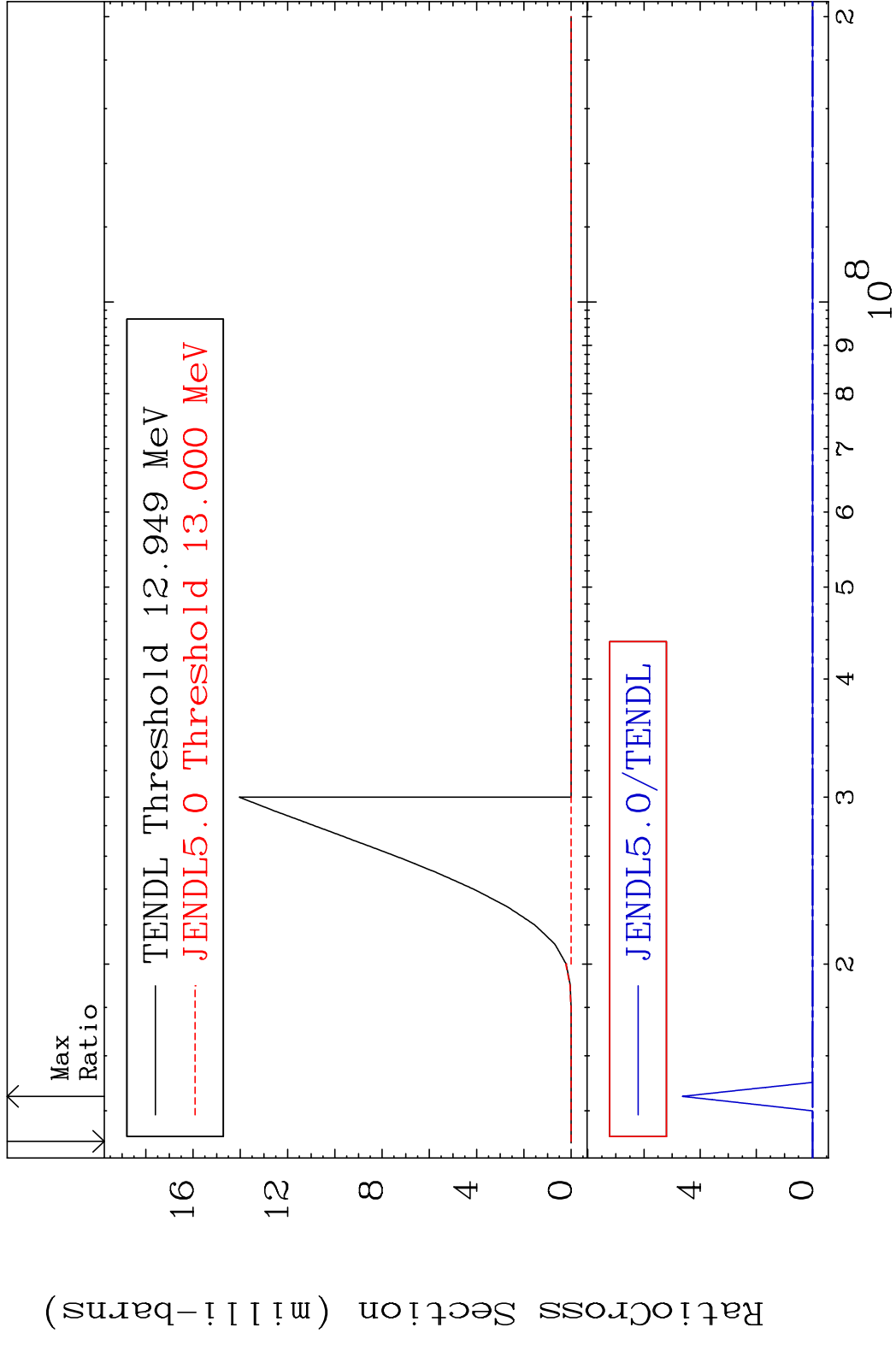
54-Xe-129

Cross Section -100.0 To 647.1 %

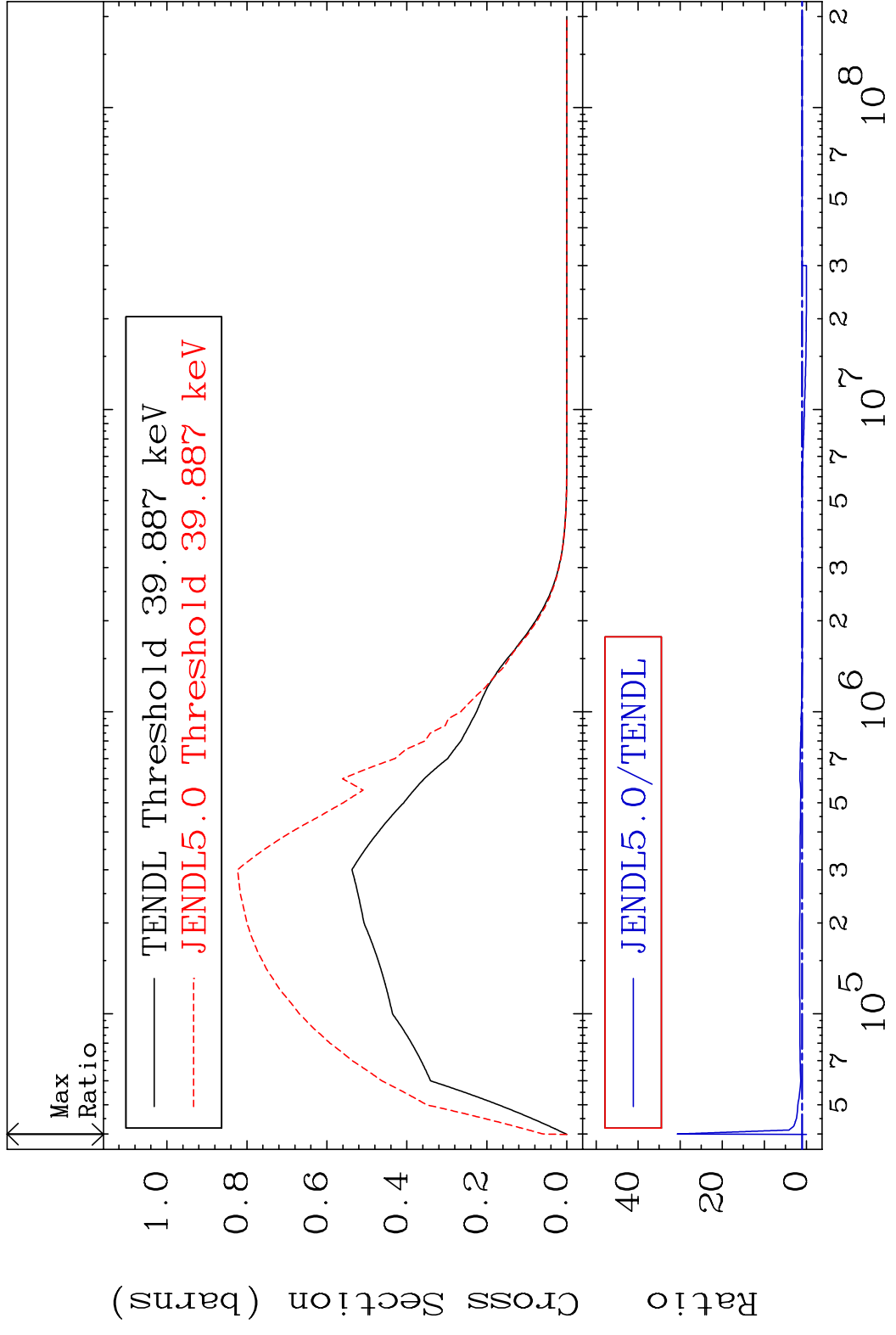


8 Incident Energy (eV) 54-Xe-129

MAT 5440 (n, n') d 54-Xe-129
 Cross Section -100.0 To 9999. %

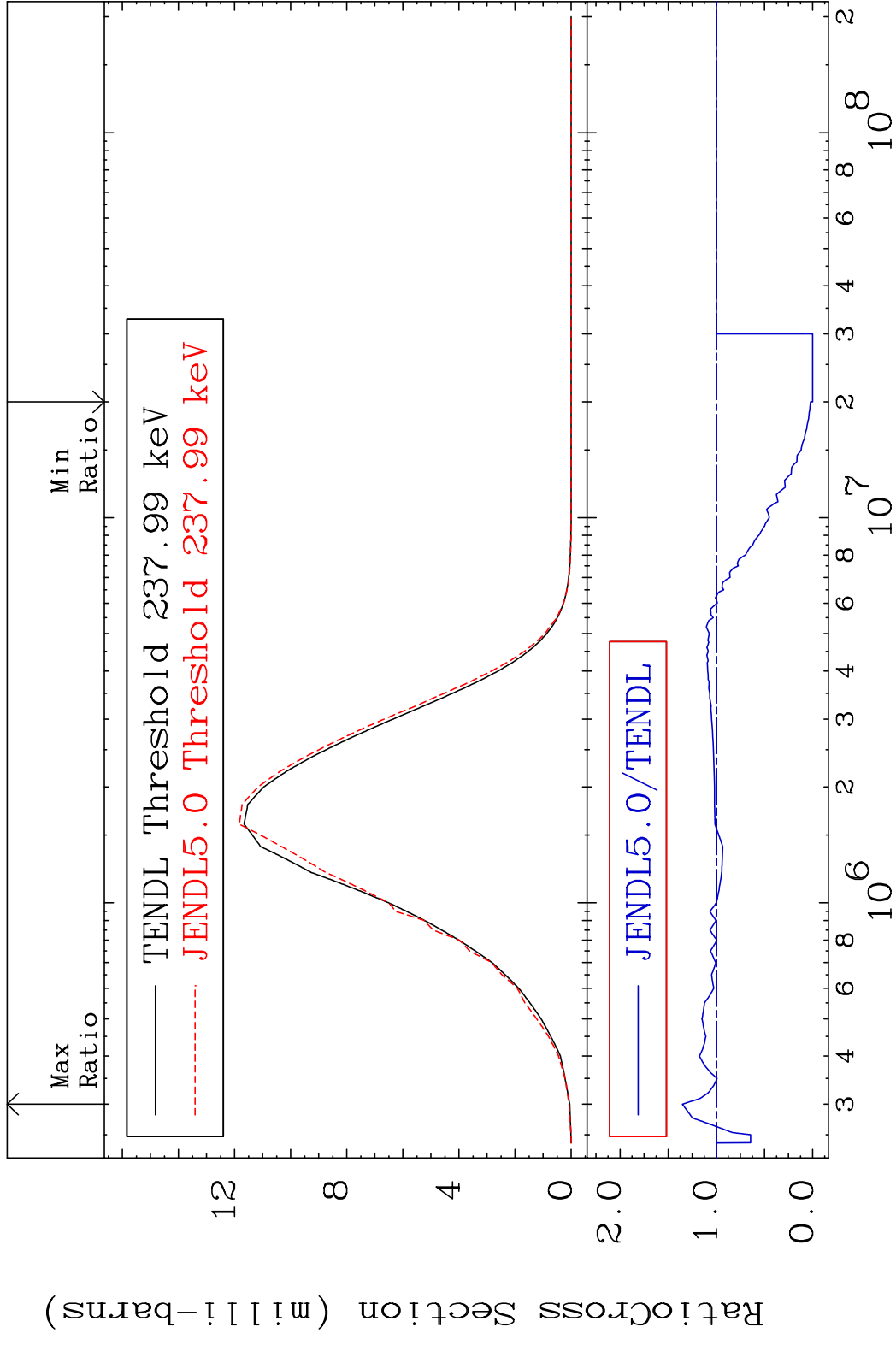


MAT 5440 MT= 51 (n,n') Level 54-Xe-129
 Cross Section -100.0 To 2972. %

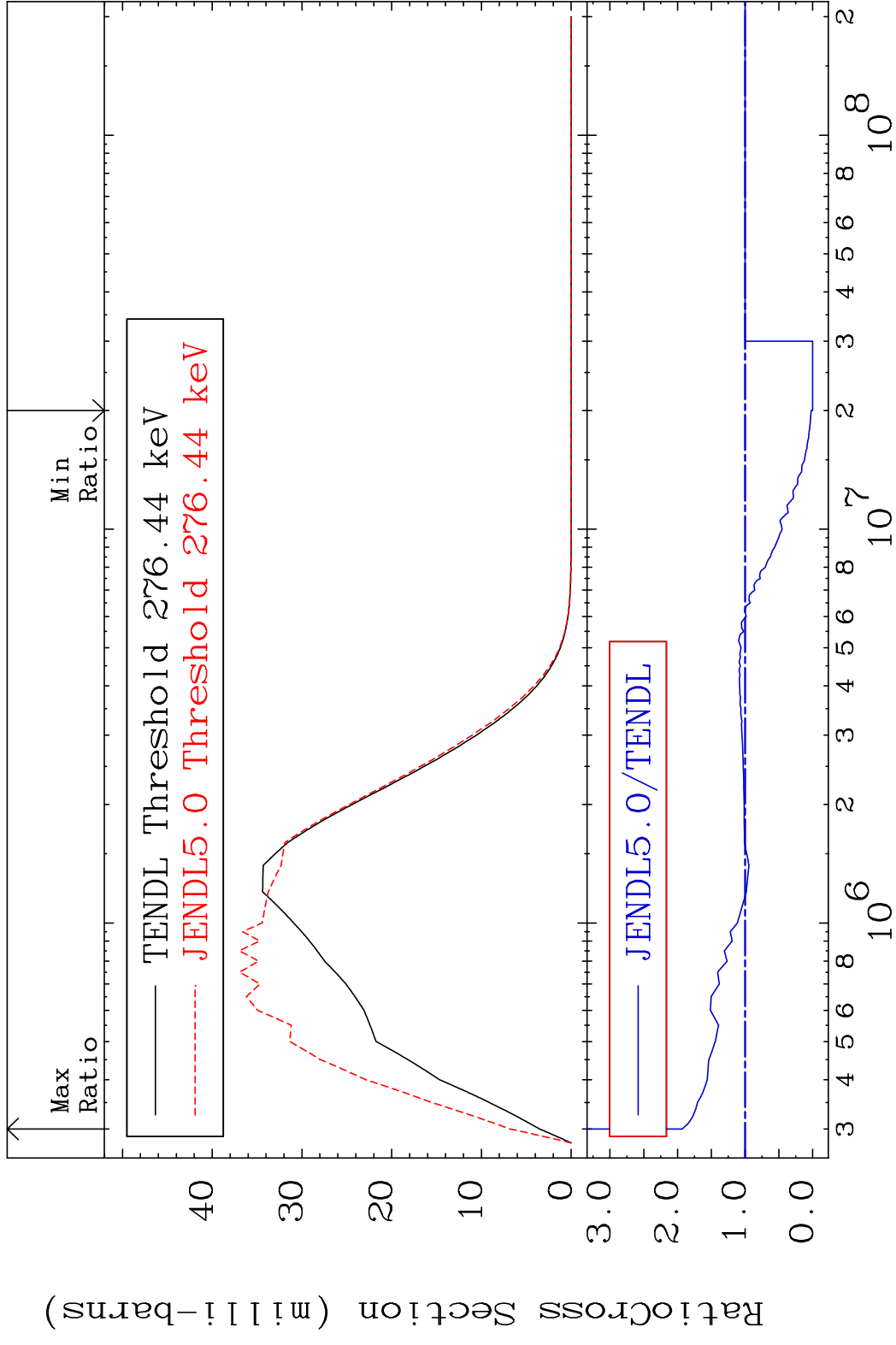


10 Incident Energy (eV) 54-Xe-129

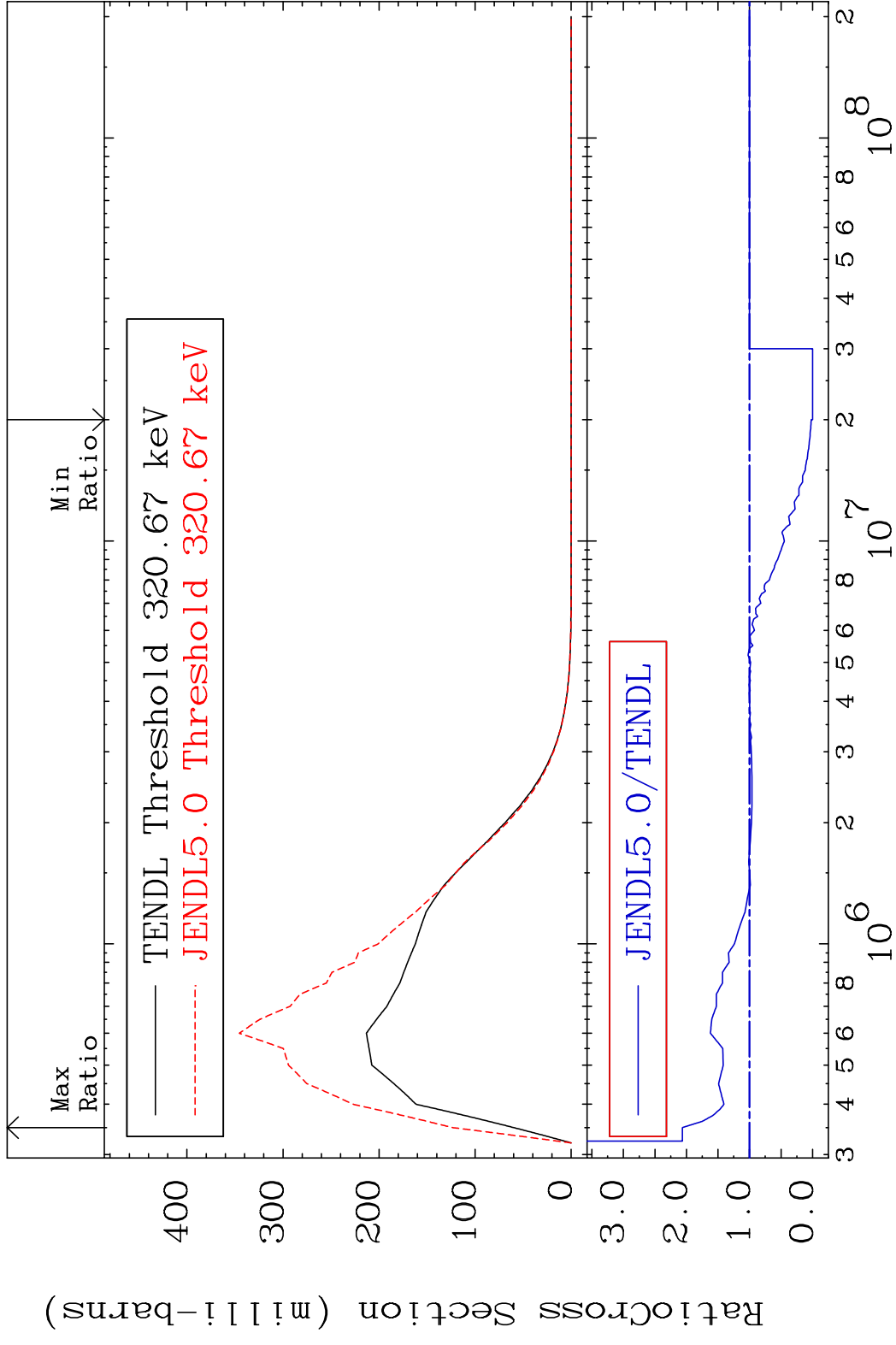
MAT 5440 MT= 52 (n, n') Level 54-Xe-129
 Cross Section -100.0 To 35.27 %



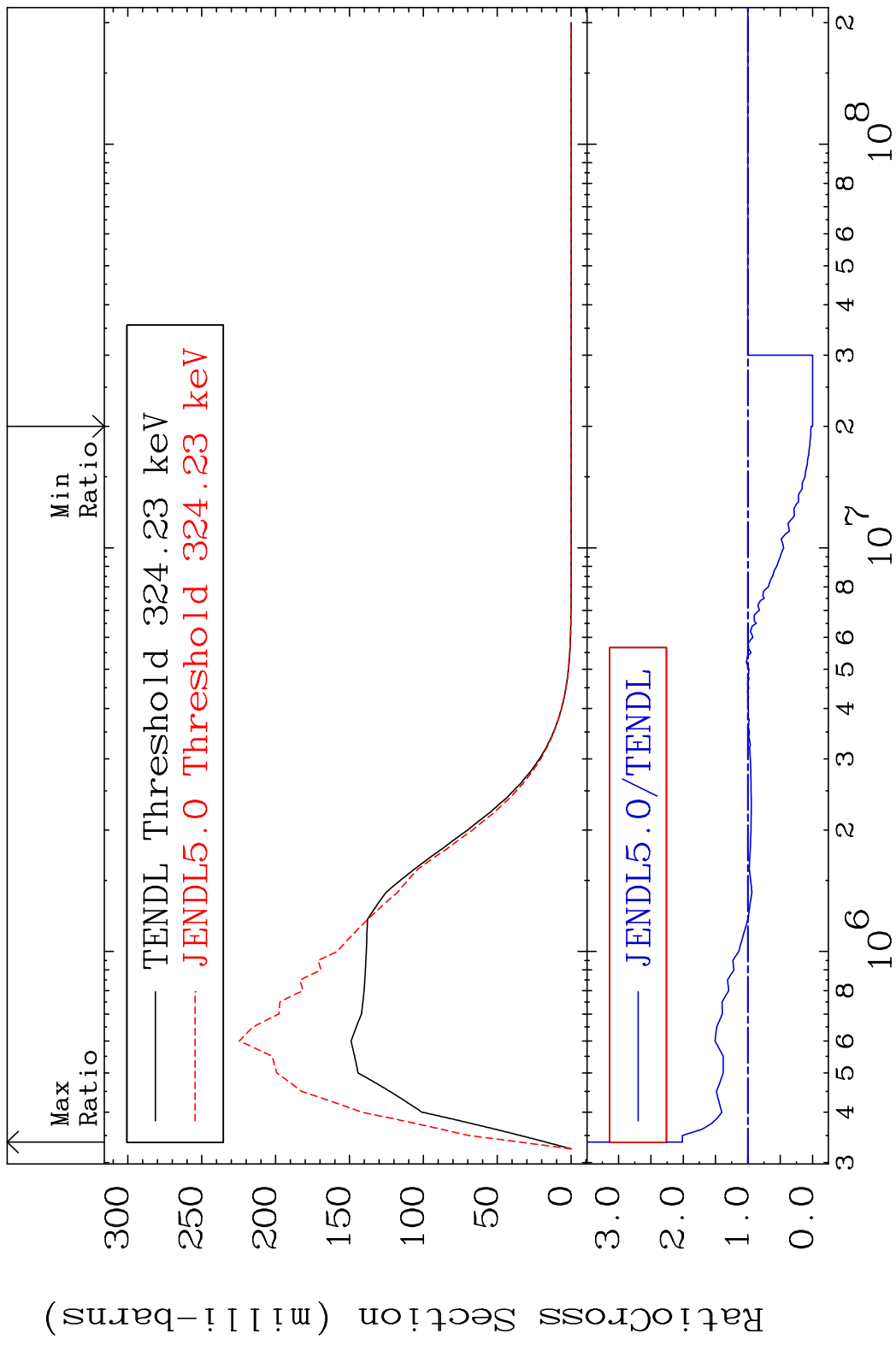
MAT 5440 MT= 53 (n, n') Level 54-Xe-129
 Cross Section -100.0 To 92.82 %



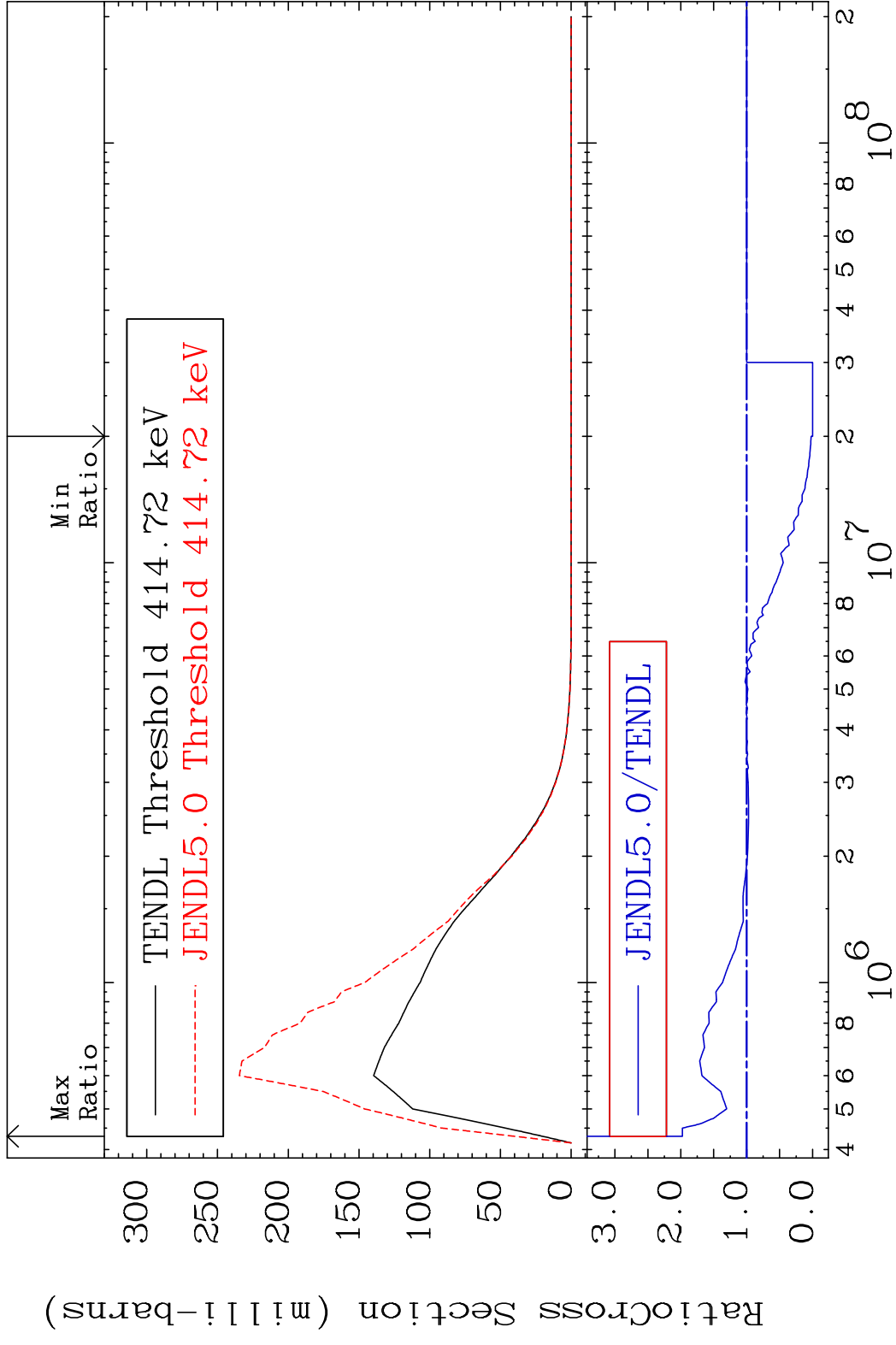
MAT 5440 MT= 54 (n,n') Level 54-Xe-129
 Cross Section -100.0 To 106.5 %



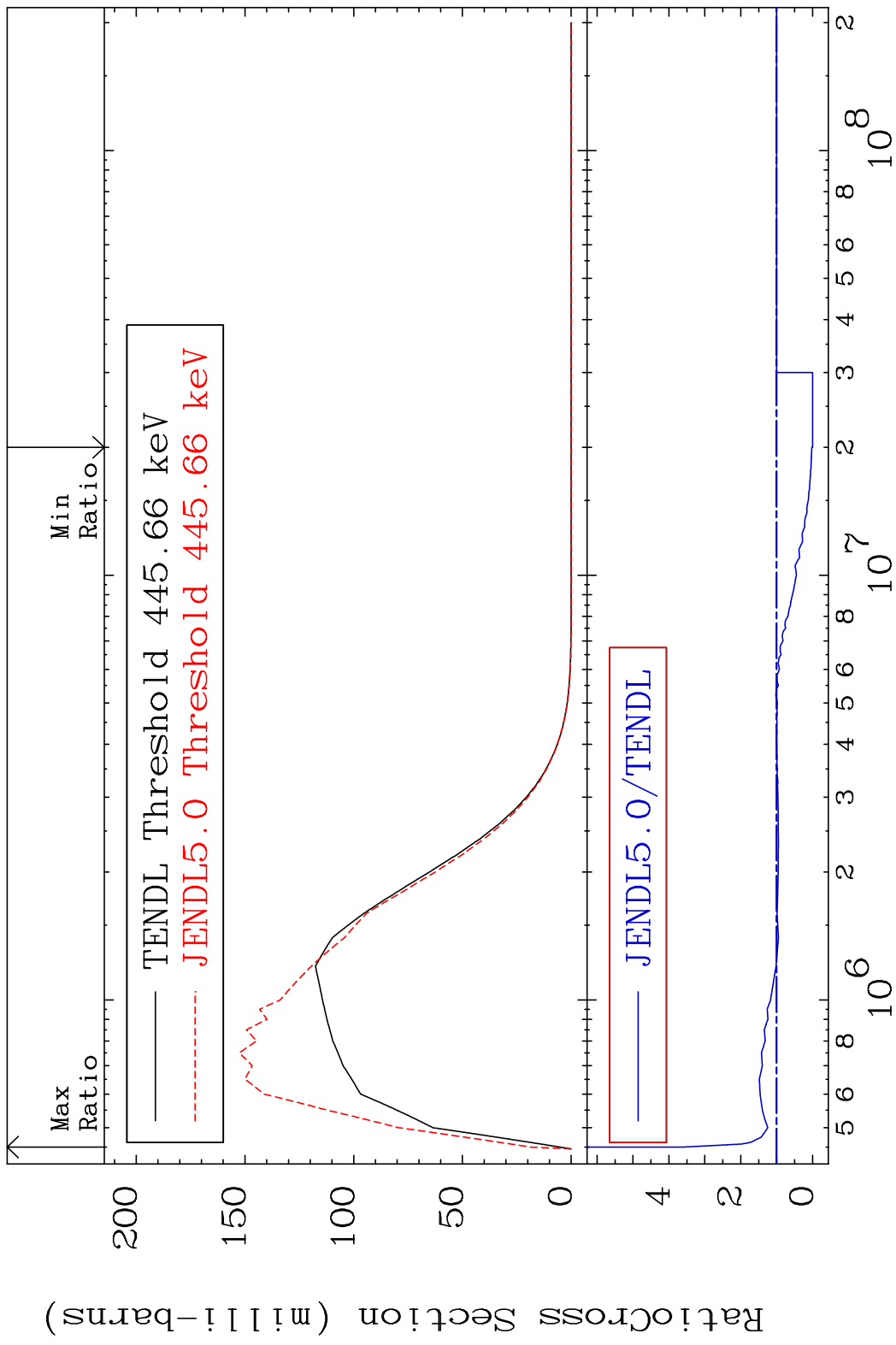
MAT 5440 MT= 55 (n,n') Level 54-Xe-129
 Cross Section -100.0 To 101.3 %



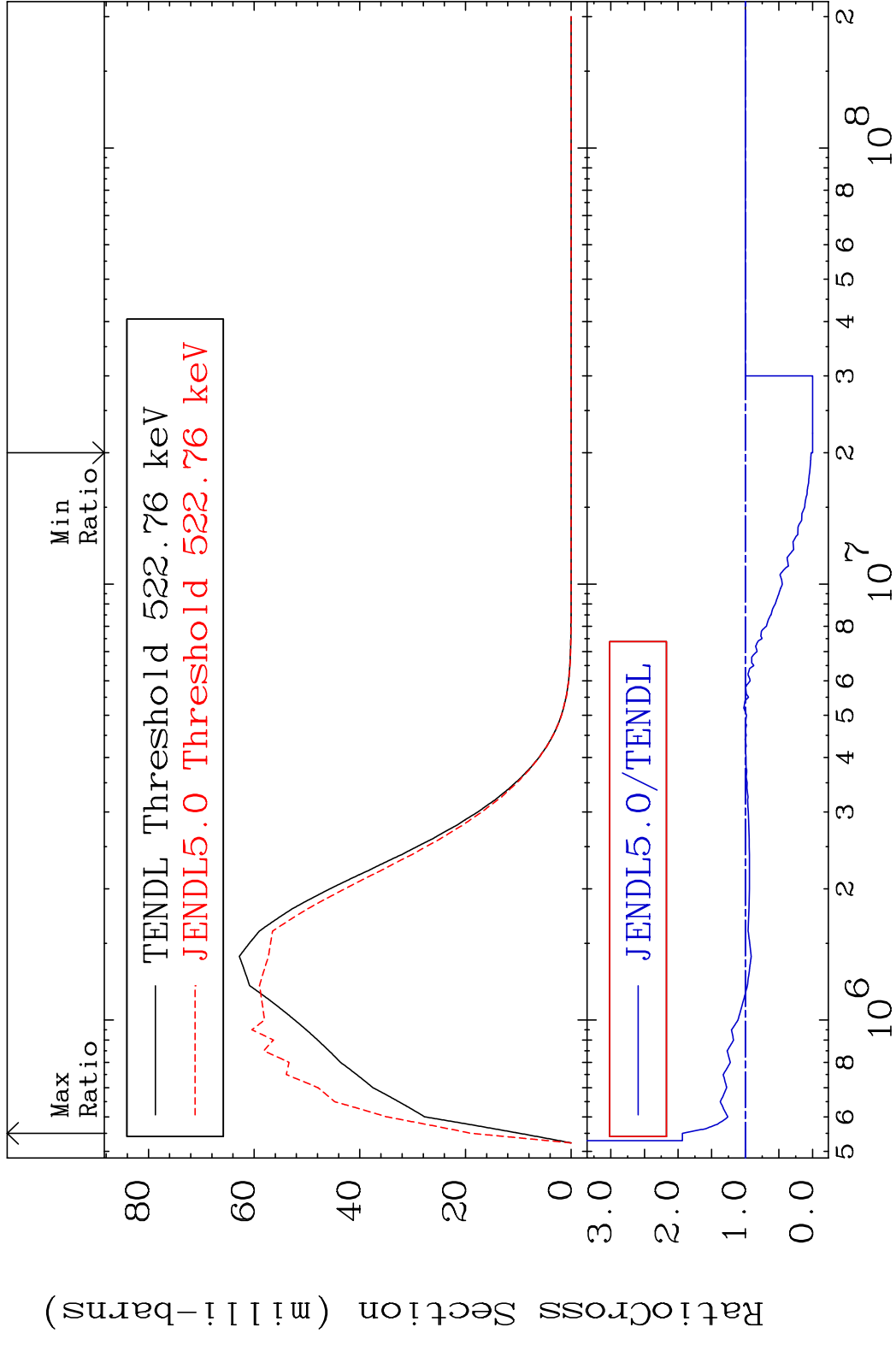
MAT 5440 MT= 56 (n, n') Level 54-Xe-129
 Cross Section -100.0 To 97.62 %



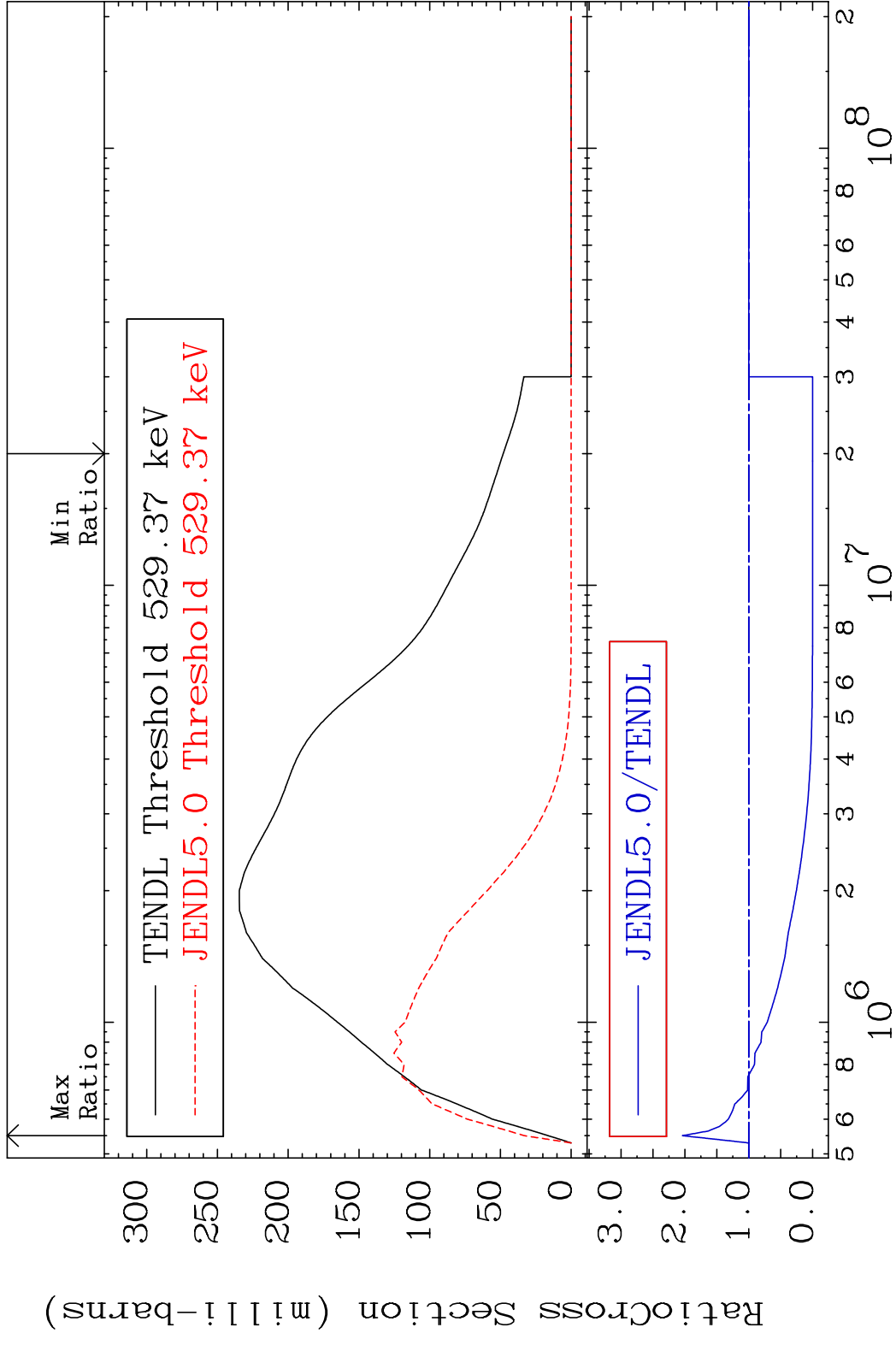
MAT 5440 MT= 57 (n, n') Level 54-Xe-129
 Cross Section -100.0 To 262.6 %



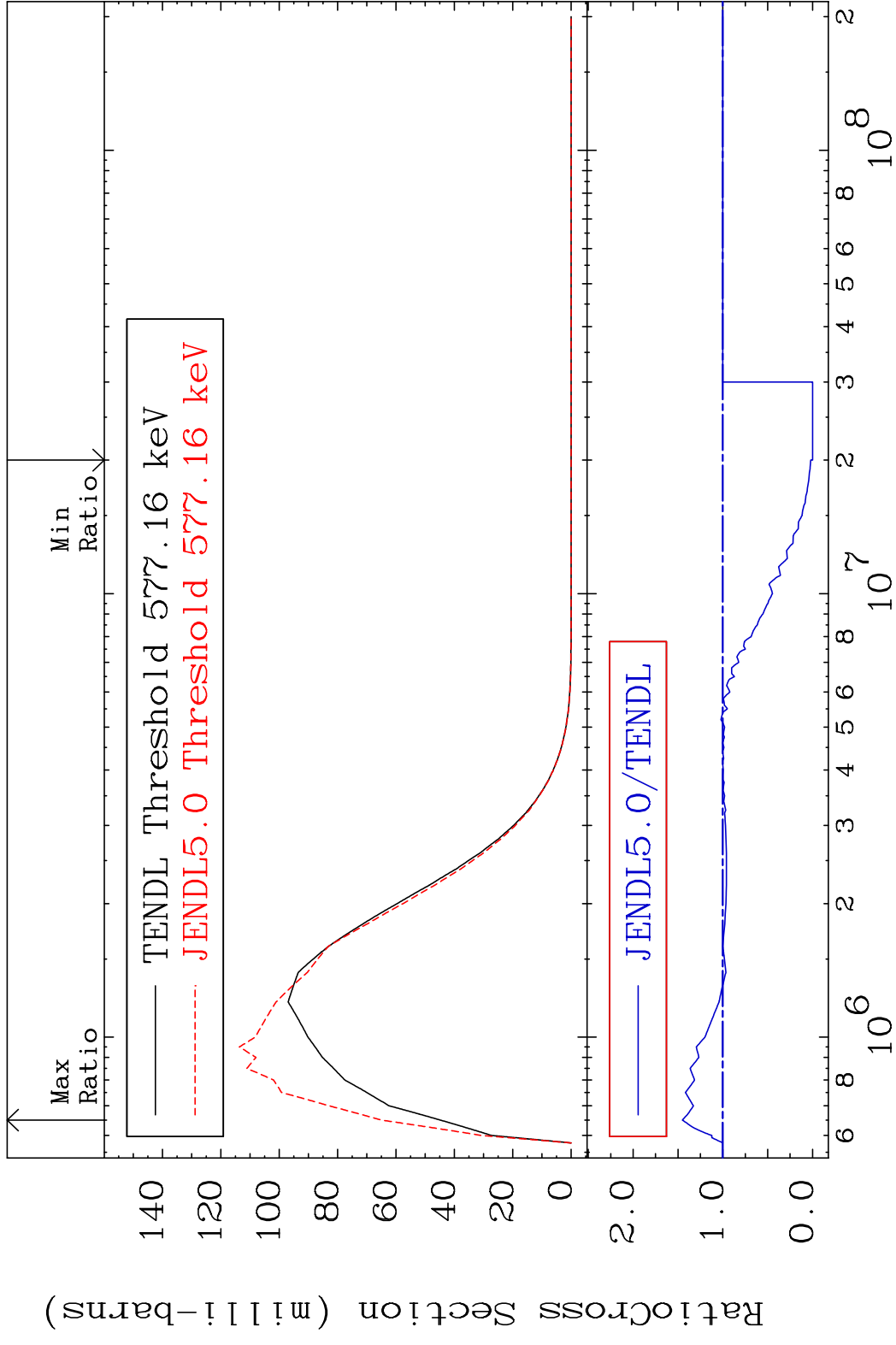
MAT 5440 MT= 58 (n, n') Level 54-Xe-129
 Cross Section -100.0 To 93.60 %



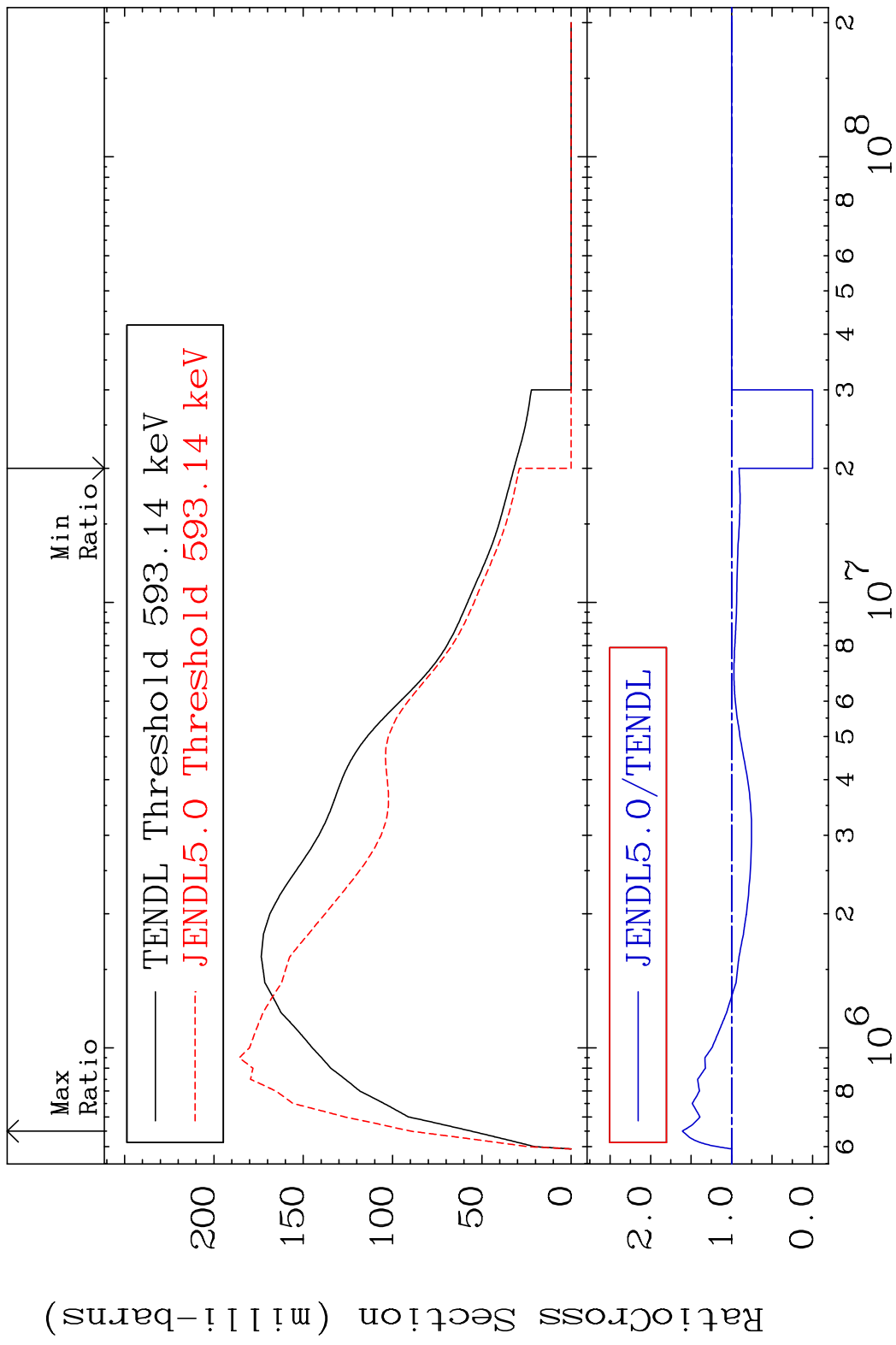
MAT 5440 MT= 59 (n, n') Level 54-Xe-129
 Cross Section -100.0 To 103.9 %



MAT 5440 MT= 60 (n, n') Level 54-Xe-129
 Cross Section -100.0 To 45.14 %

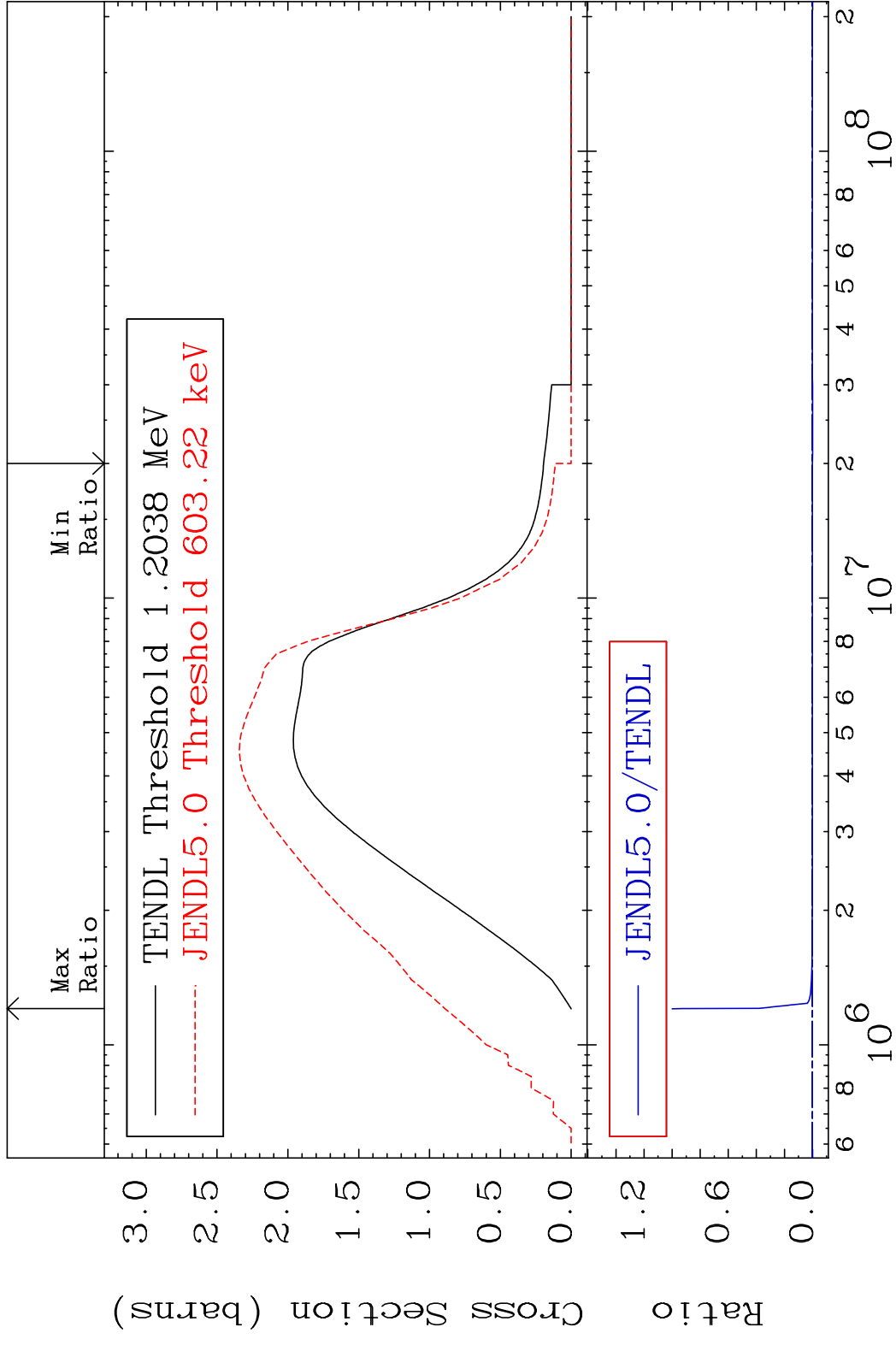


MAT 5440 MT= 61 (n, n') Level 54-Xe-129
 Cross Section -100.0 To 60.77 %



20 54-Xe-129

MAT 5440 (n,n') Continuum 54-Xe-129
 Cross Section -100.0 To 9999. %

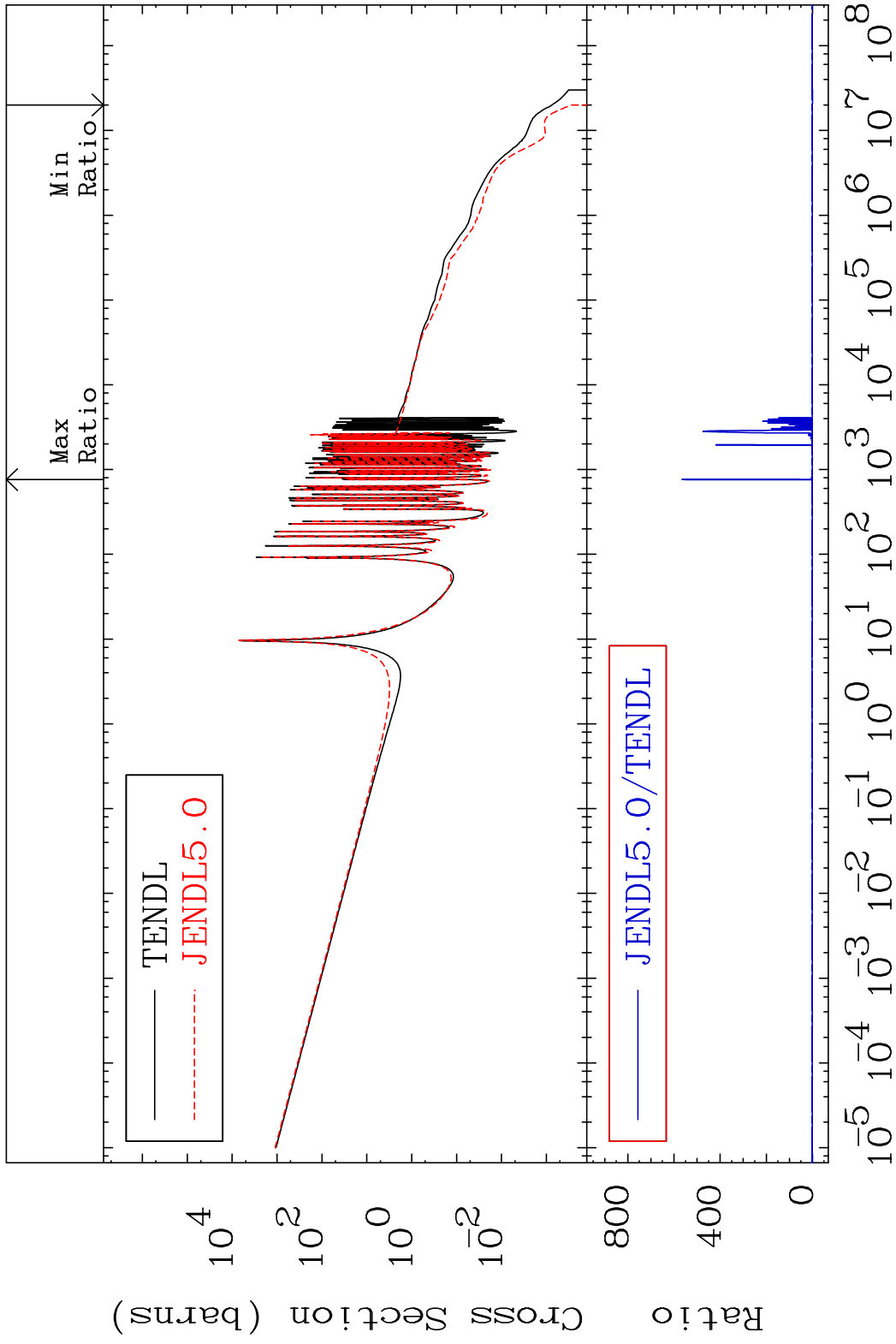


MAT 5440

(n, γ)

54-Xe-129

Cross Section -100.0 To 9999. %



22

Incident Energy (eV)

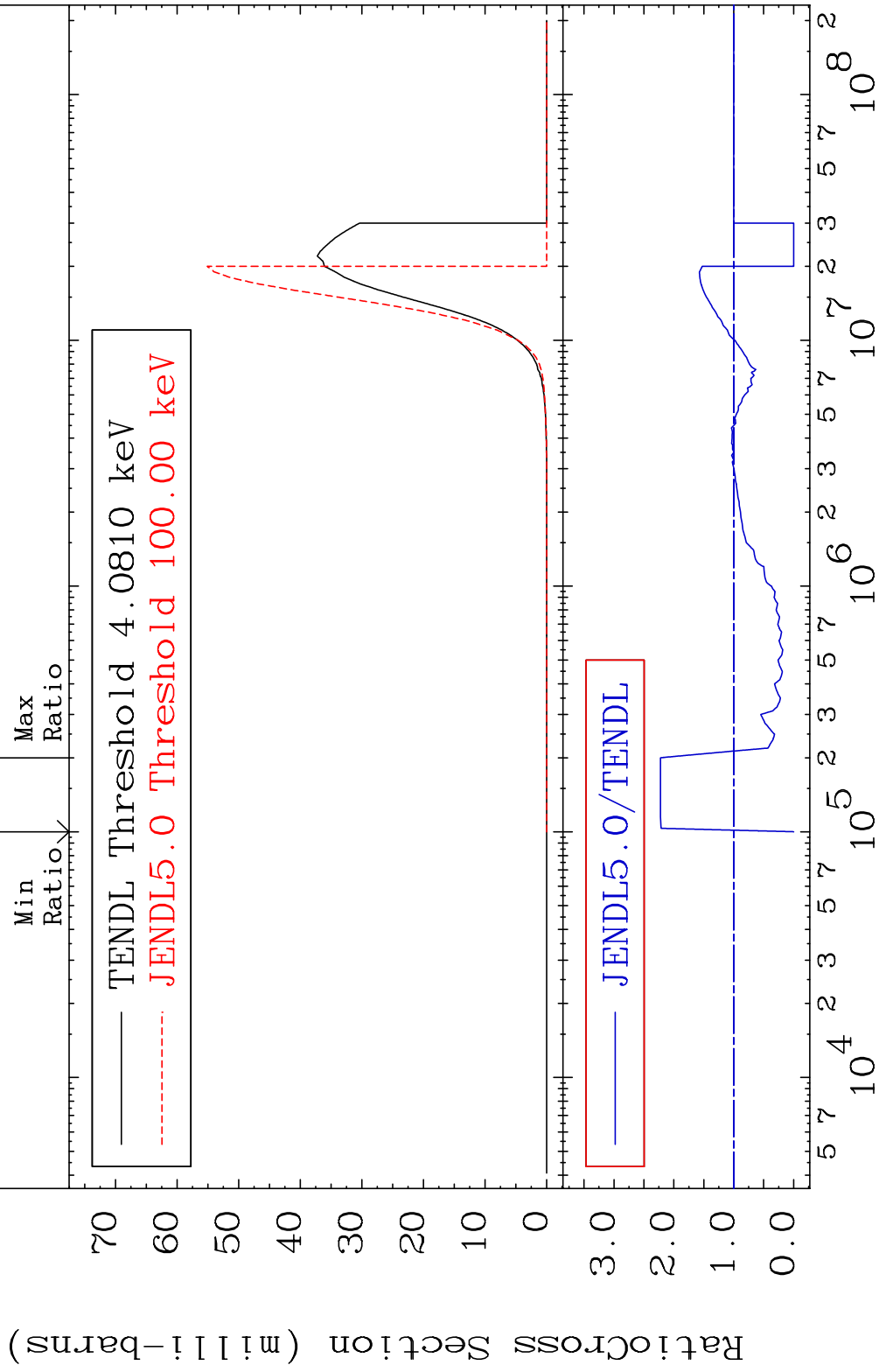
54-Xe-129

MAT 5440

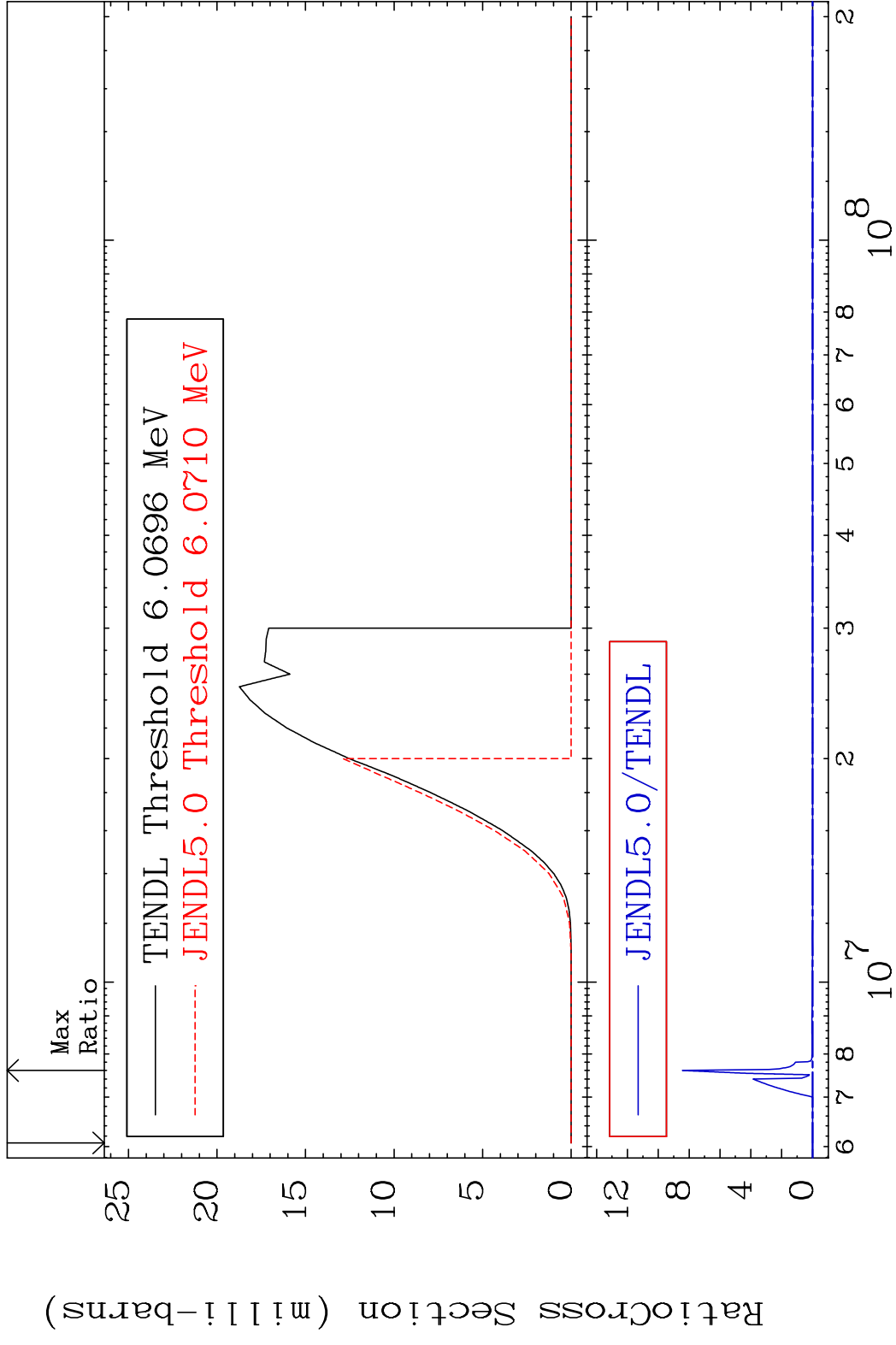
(n, p)

54-Xe-129

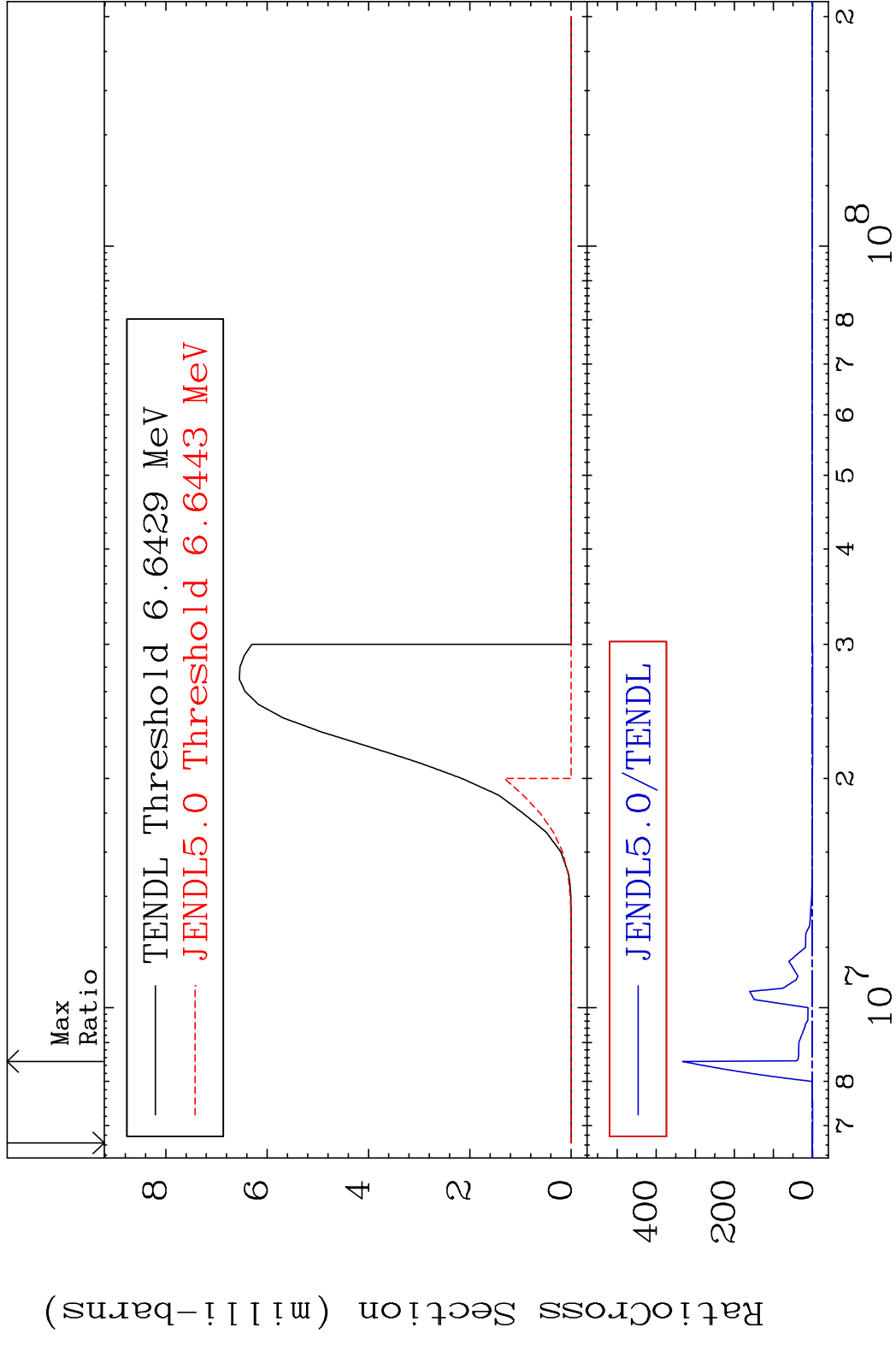
Cross Section -100.0 To 122.4 %



MAT 5440 (n,d) 54-Xe-129
 Cross Section -100.0 To 9999. %



MAT 5440 (n, t) 54-Xe-129
 Cross Section -100.0 To 9999. %

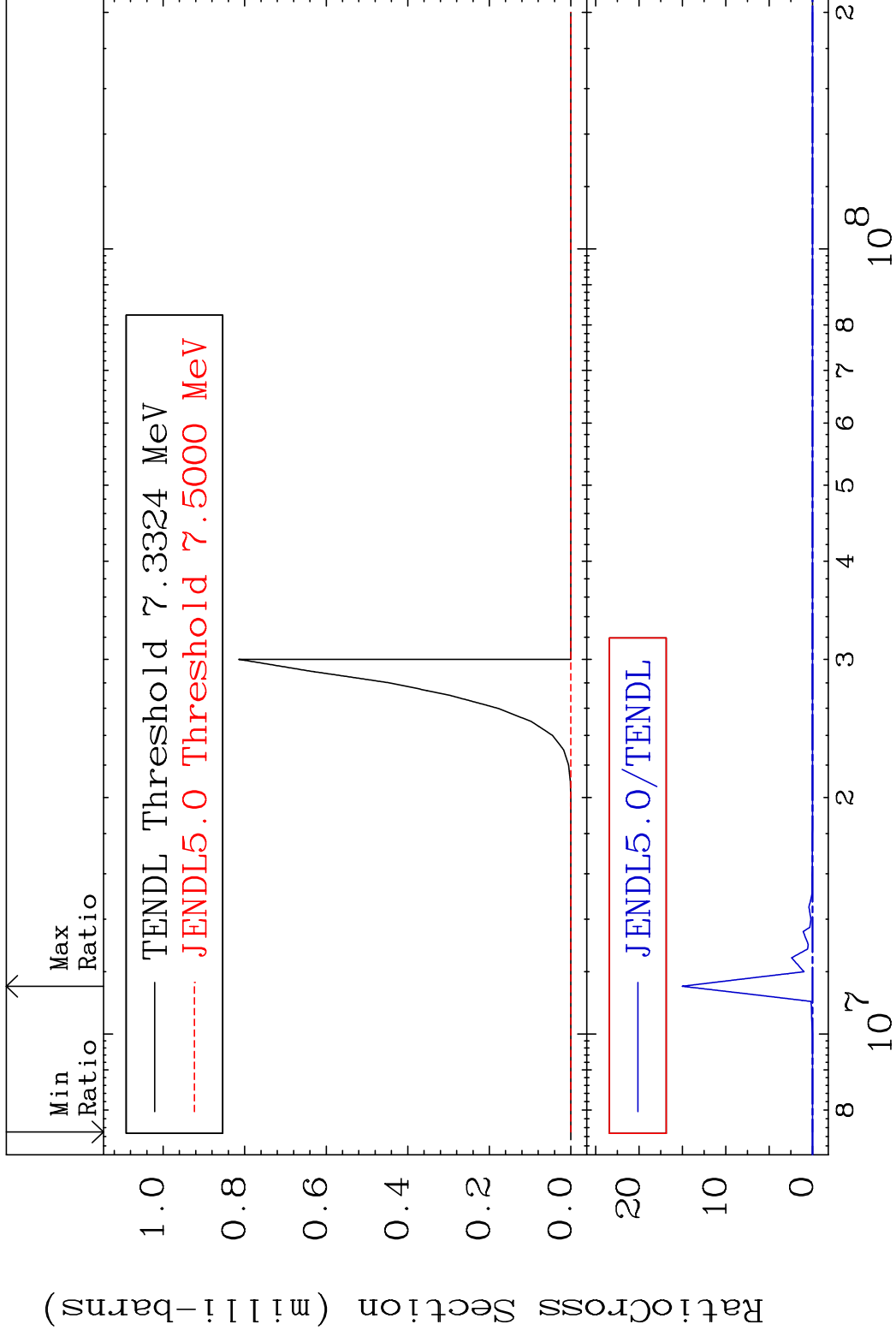


MAT 5440

(n, He-3)

54-Xe-129

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

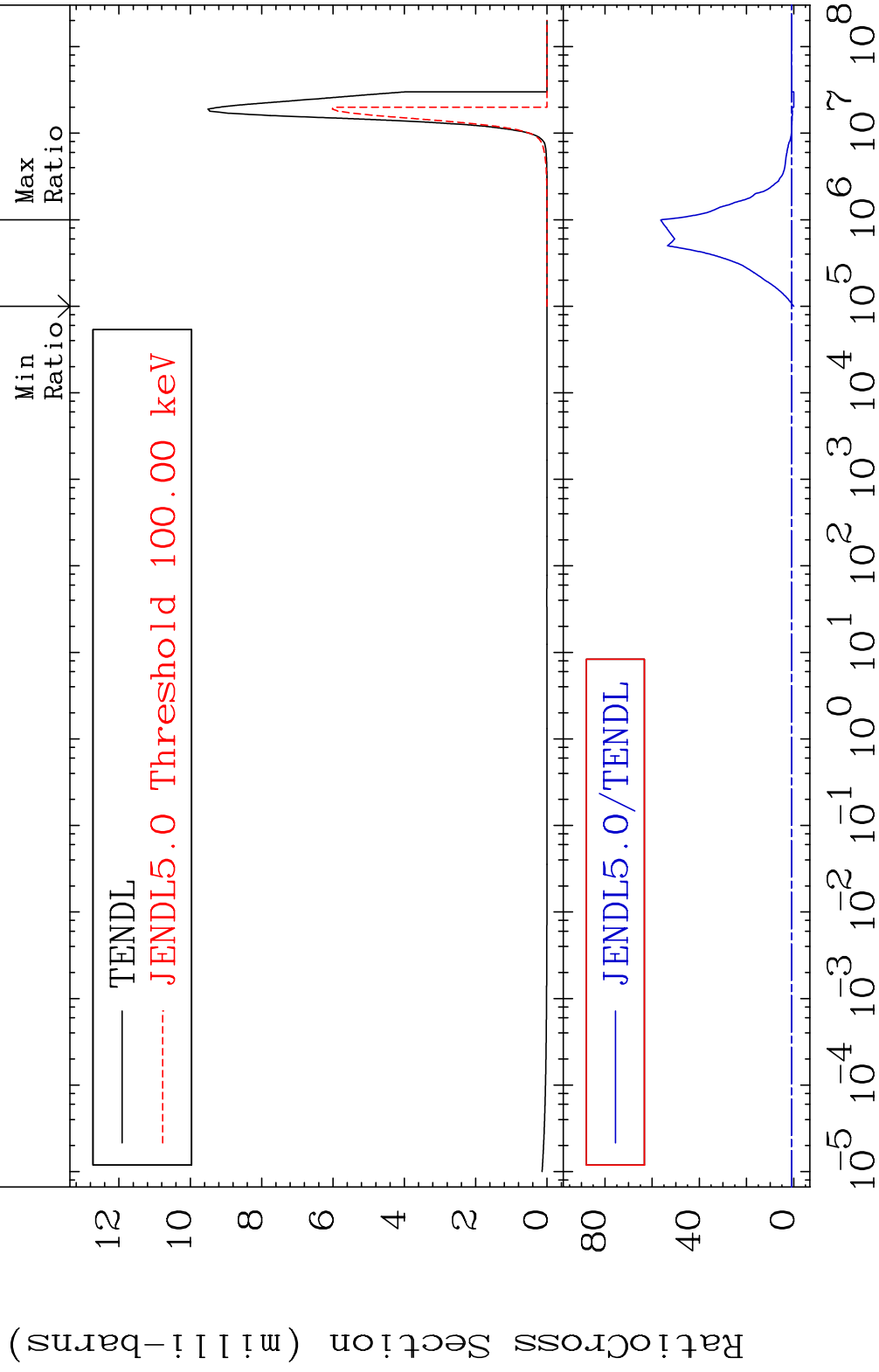
54-Xe-129

MAT 5440

(n, α)

54-Xe-129

Cross Section -100.0 To 5540. %



27

Incident Energy (eV)

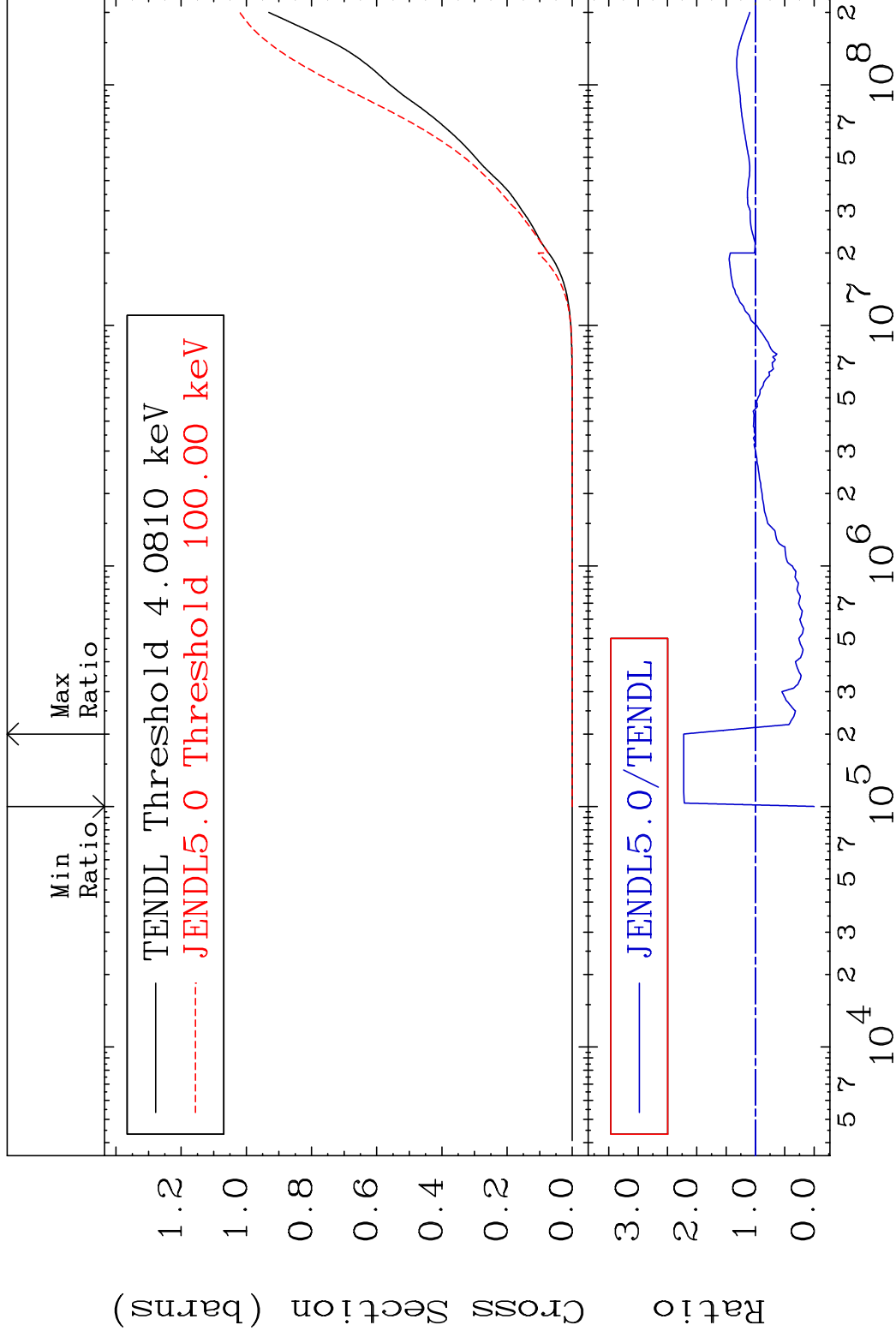
54-Xe-129

MAT 5440

Hydrogen Production

54-Xe-129

Cross Section -100.0 To 122.4 %

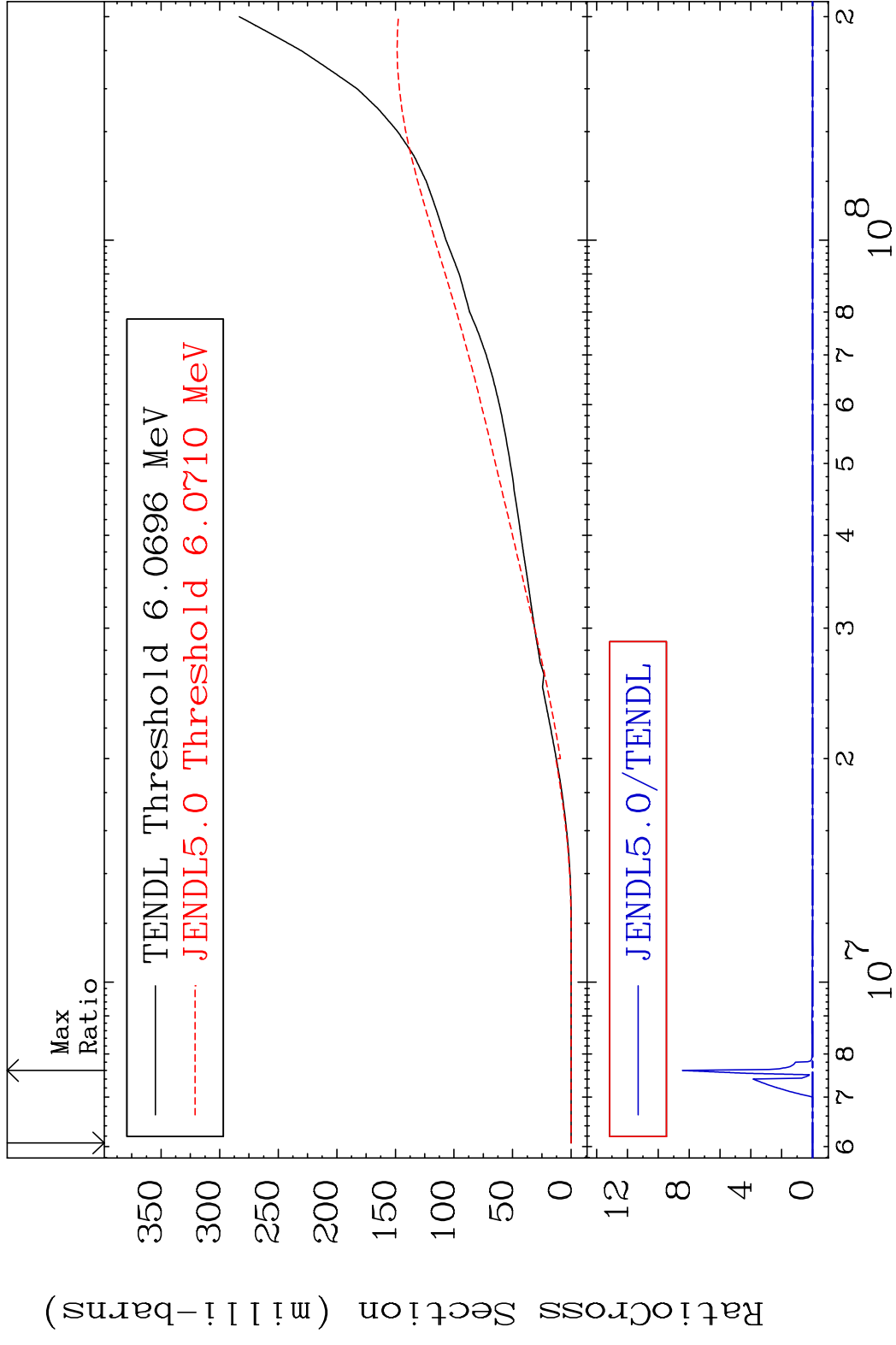


28

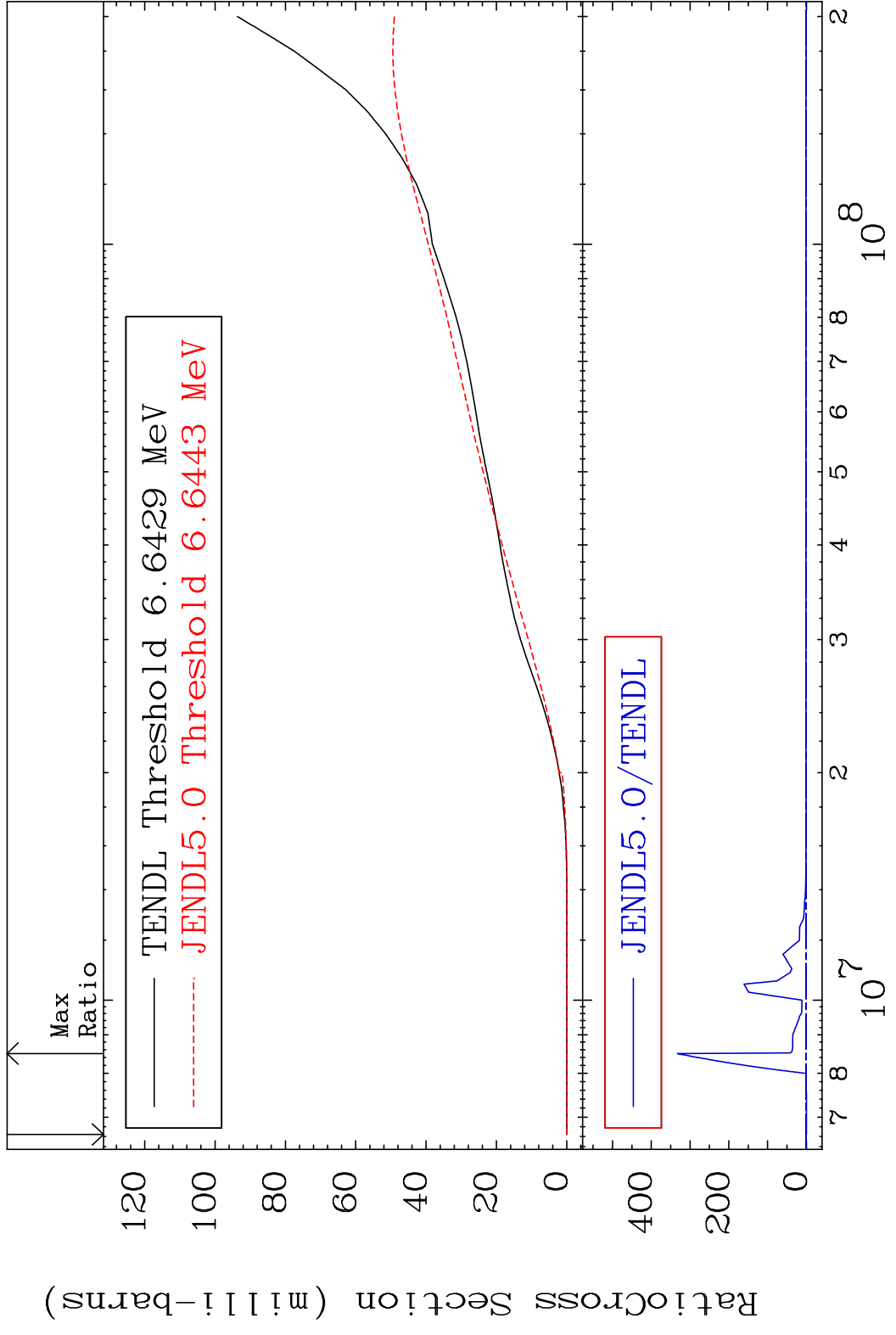
Incident Energy (eV)

54-Xe-129

MAT 5440 Deuterium Production 54-Xe-129
 Cross Section -100.0 To 9999. %

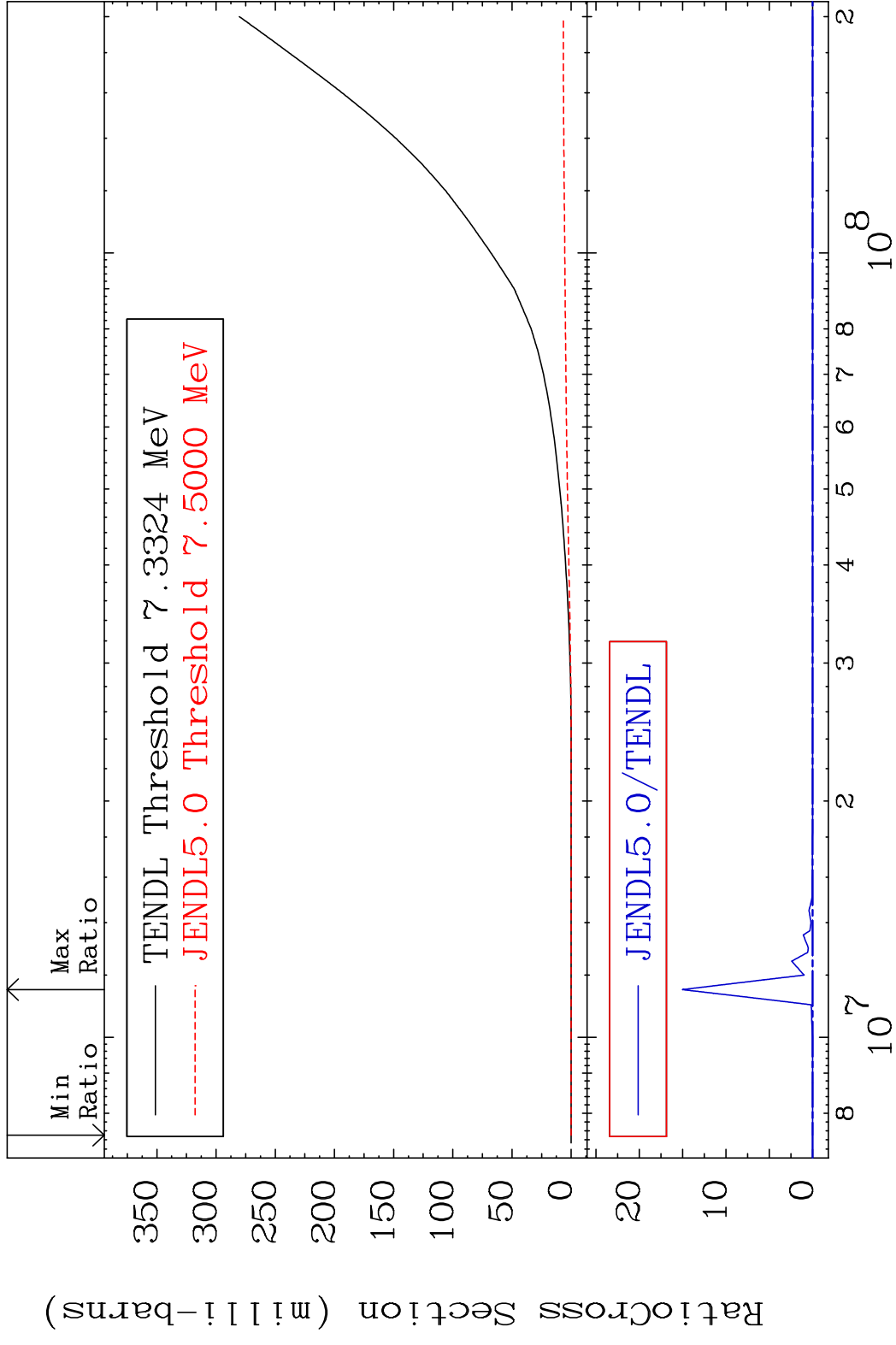


MAT 5440 Tritium Production 54-Xe-129
 Cross Section -100.0 To 9999. %



30 54-Xe-129

Cross Section -100.0 To 9999. %

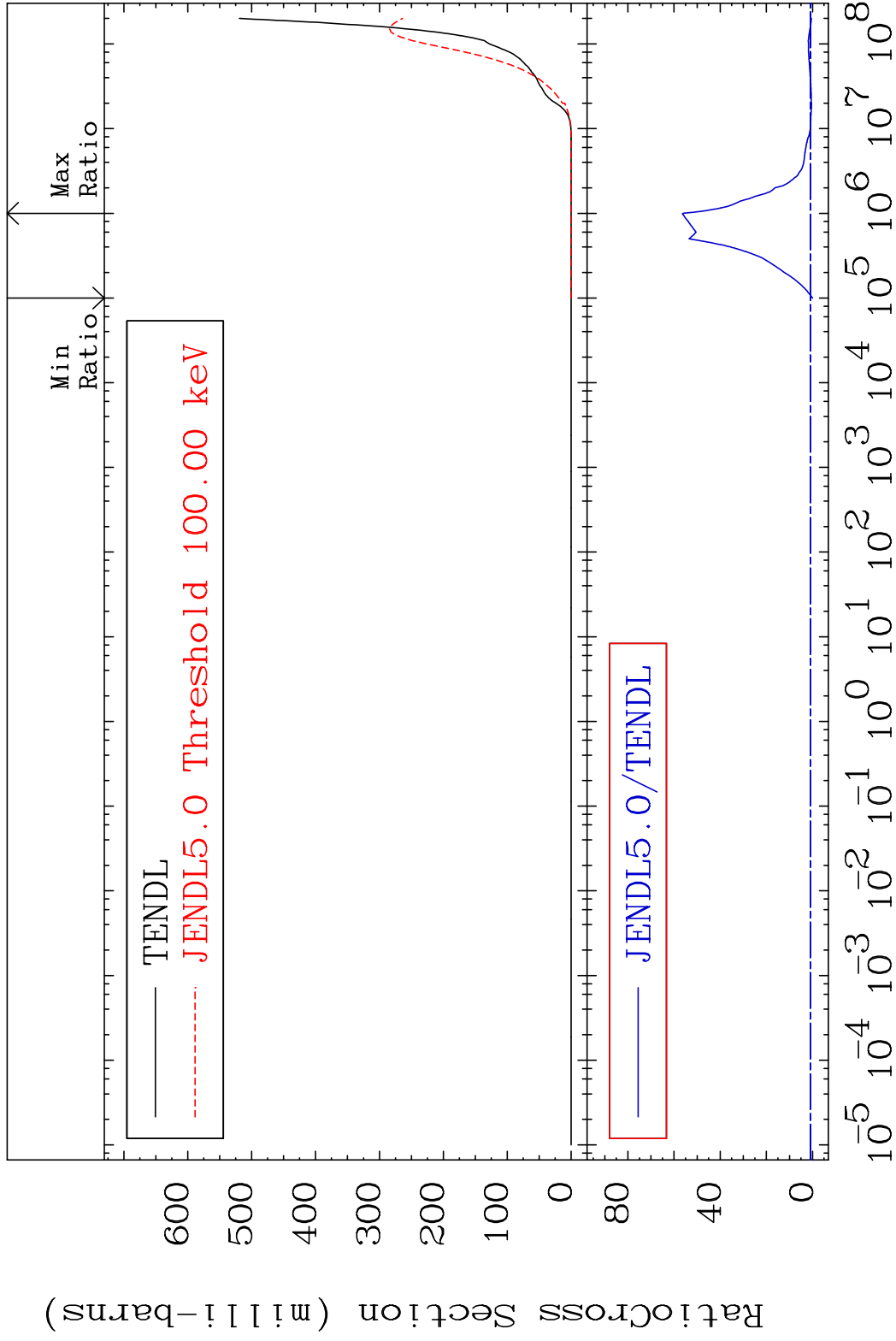


MAT 5440

He-4 Production

54-Xe-129

Cross Section -100.0 To 5540. %



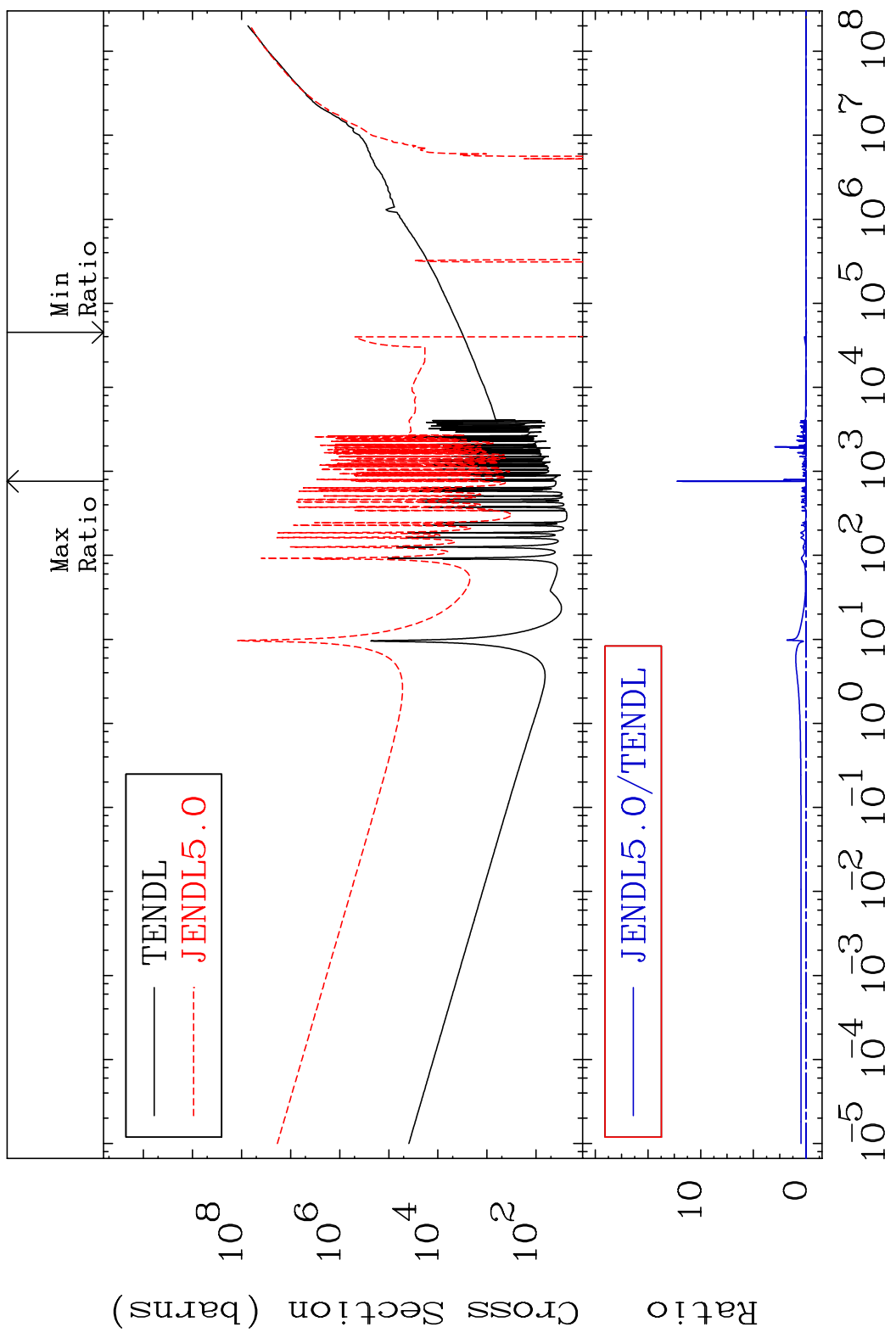
32

Incident Energy (eV)

54-Xe-129

MAT 5440

Kerma total (eV-barns) 54-Xe-129
Cross Section -3270. To 9999. %



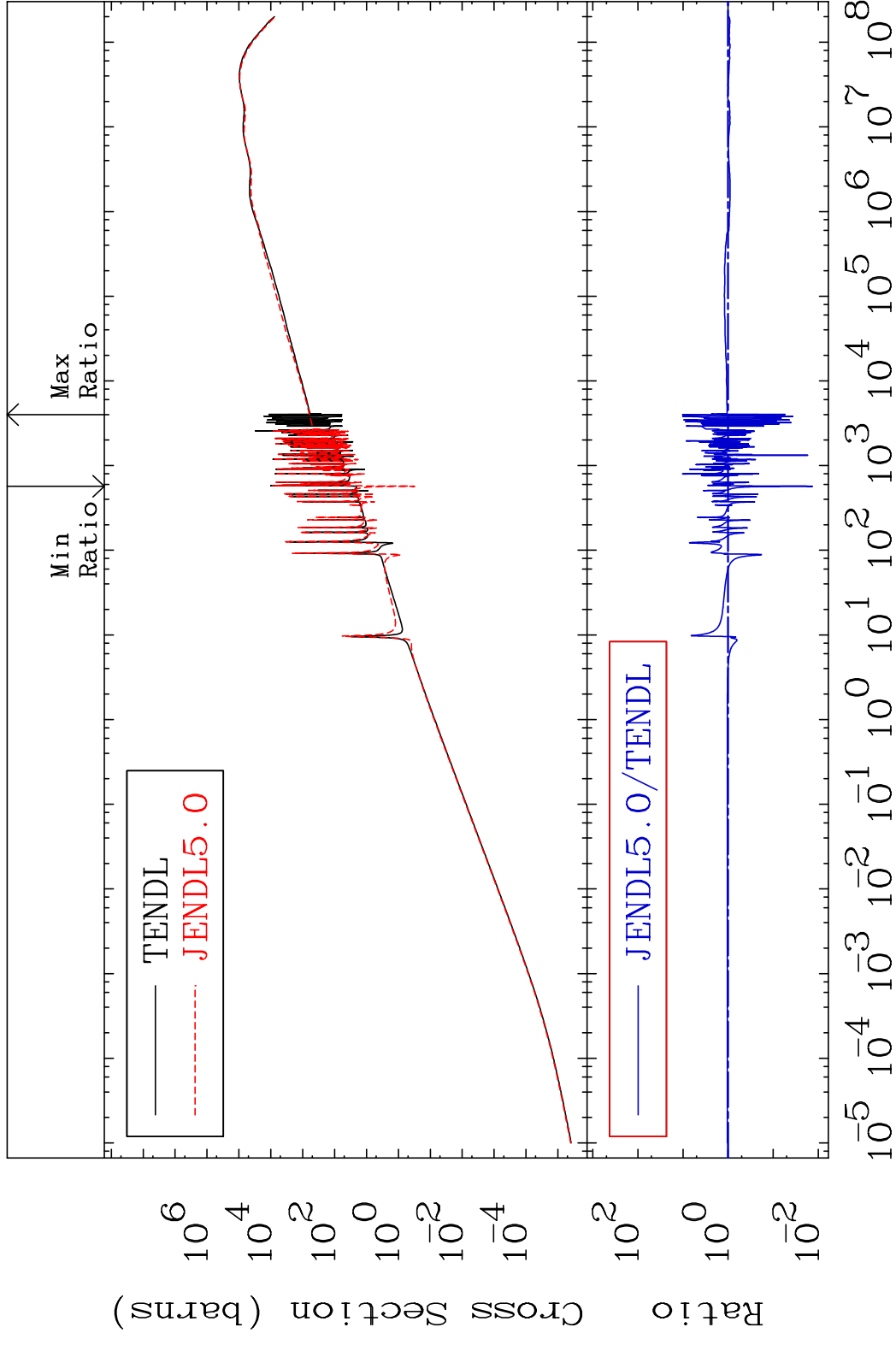
33

Incident Energy (eV) 54-Xe-129

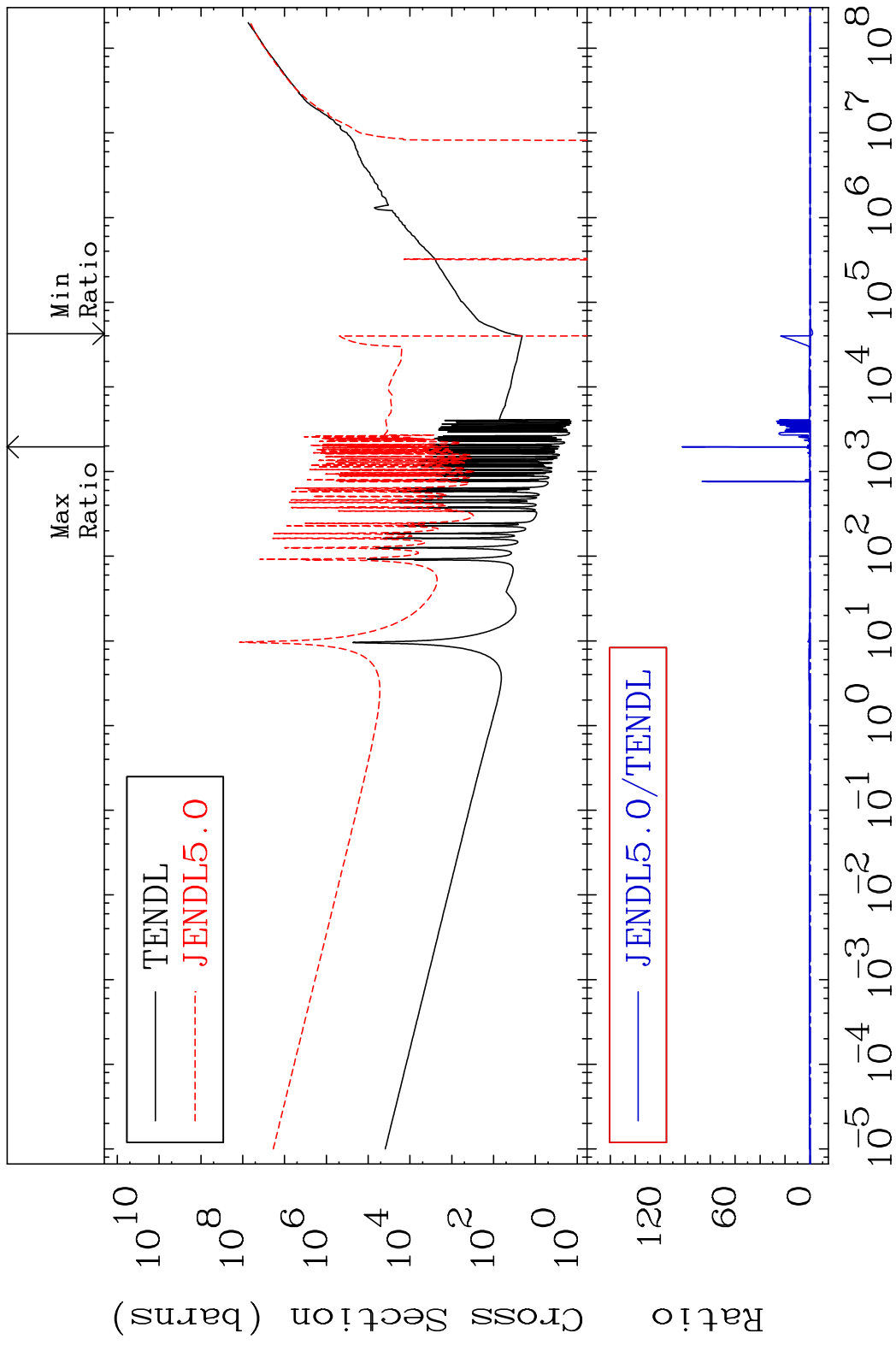
MAT 5440

Kerma elastic
Cross Section

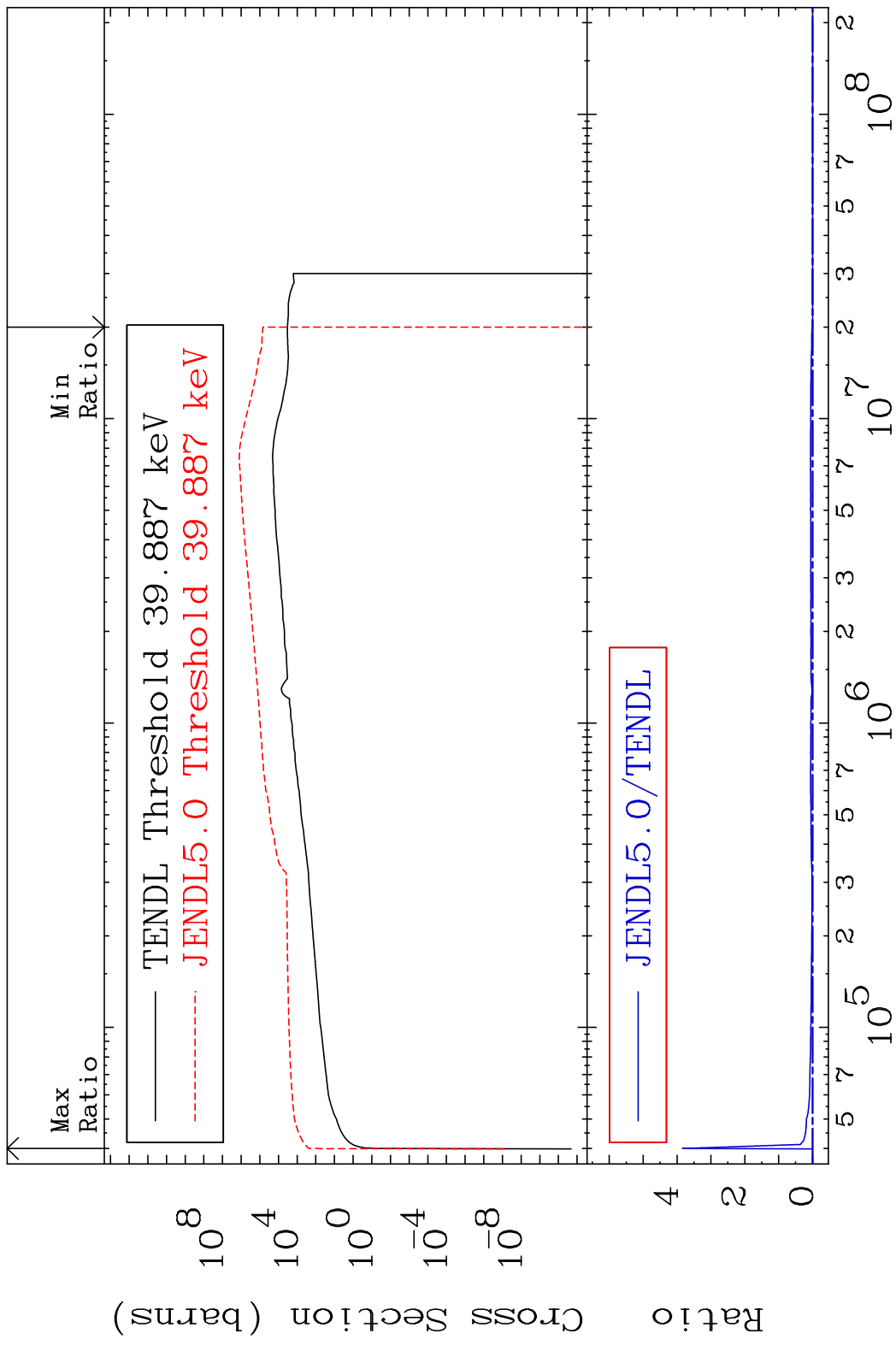
54-Xe-129
-98.66 To 932.9 %



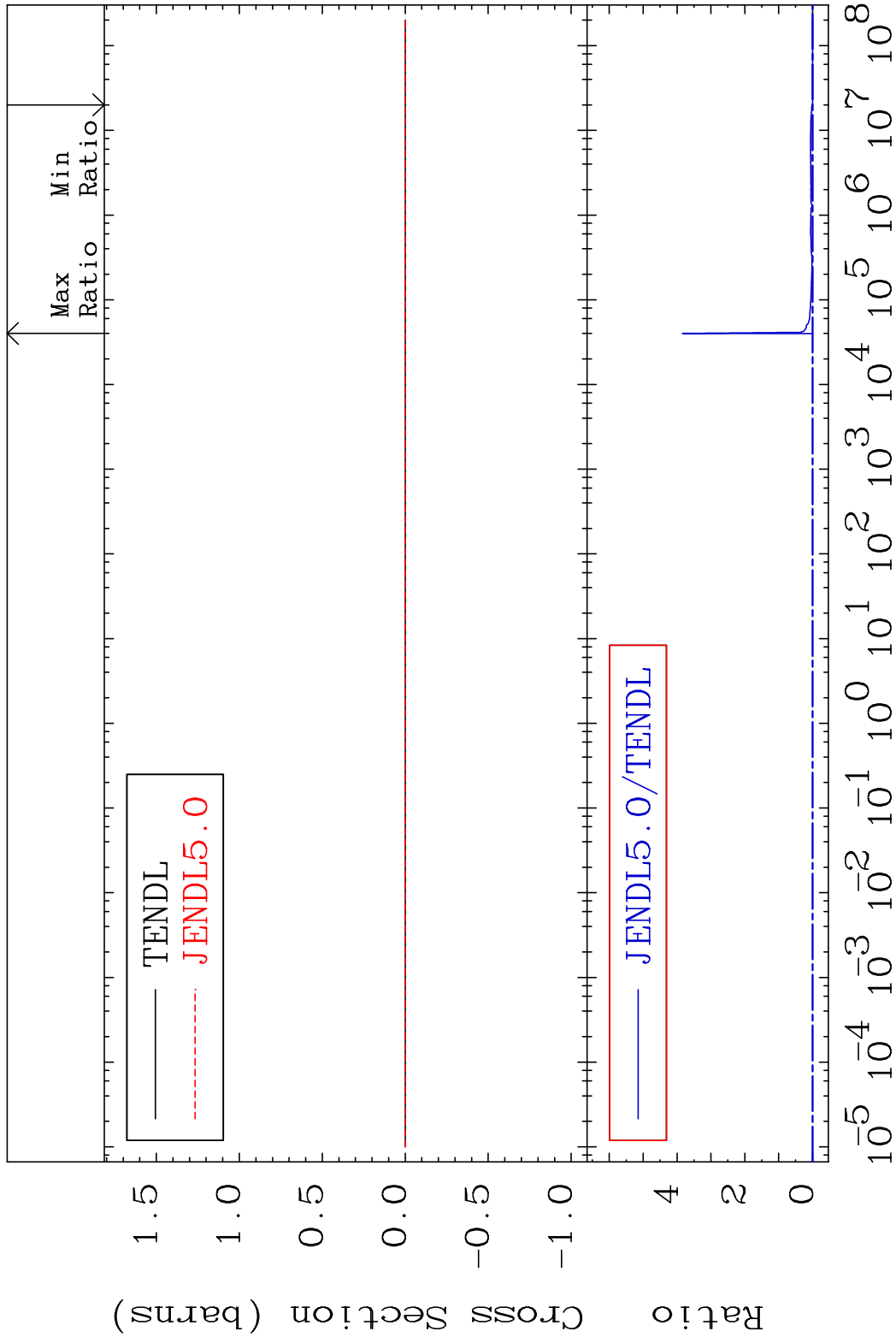
MAT 5440 Kerma non-elastic (all but mt2) 54-Xe-129
 Cross Section -9999. To 9999. %



MAT 5440 Kerma inelastic (mt51-91) 54-Xe-129
 Cross Section -100.0 To 9999. %



MAT 5440 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-129
 Cross Section -100.0 To 9999. %

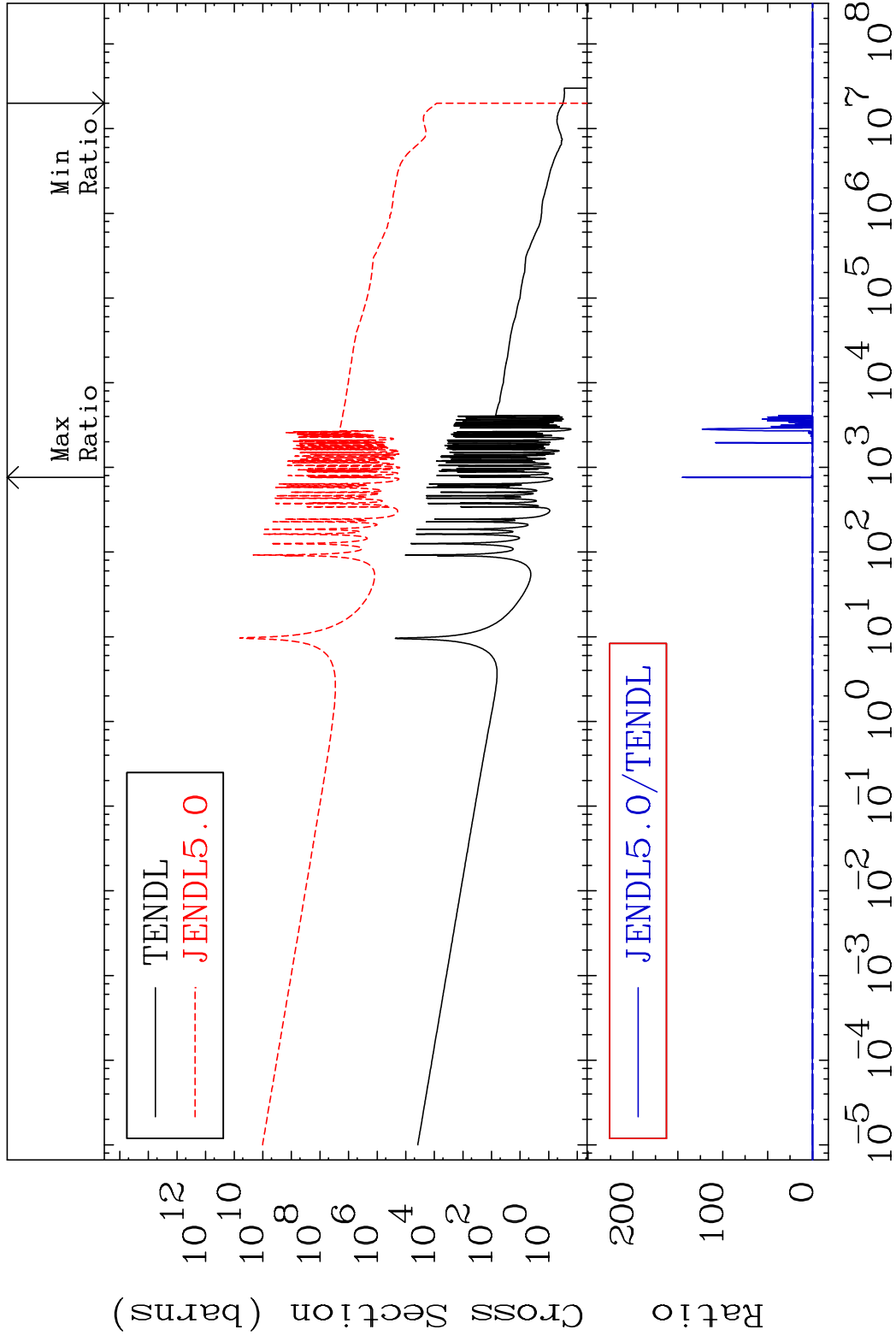


MAT 5440

Kerma capture (mt102)

54-Xe-129

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

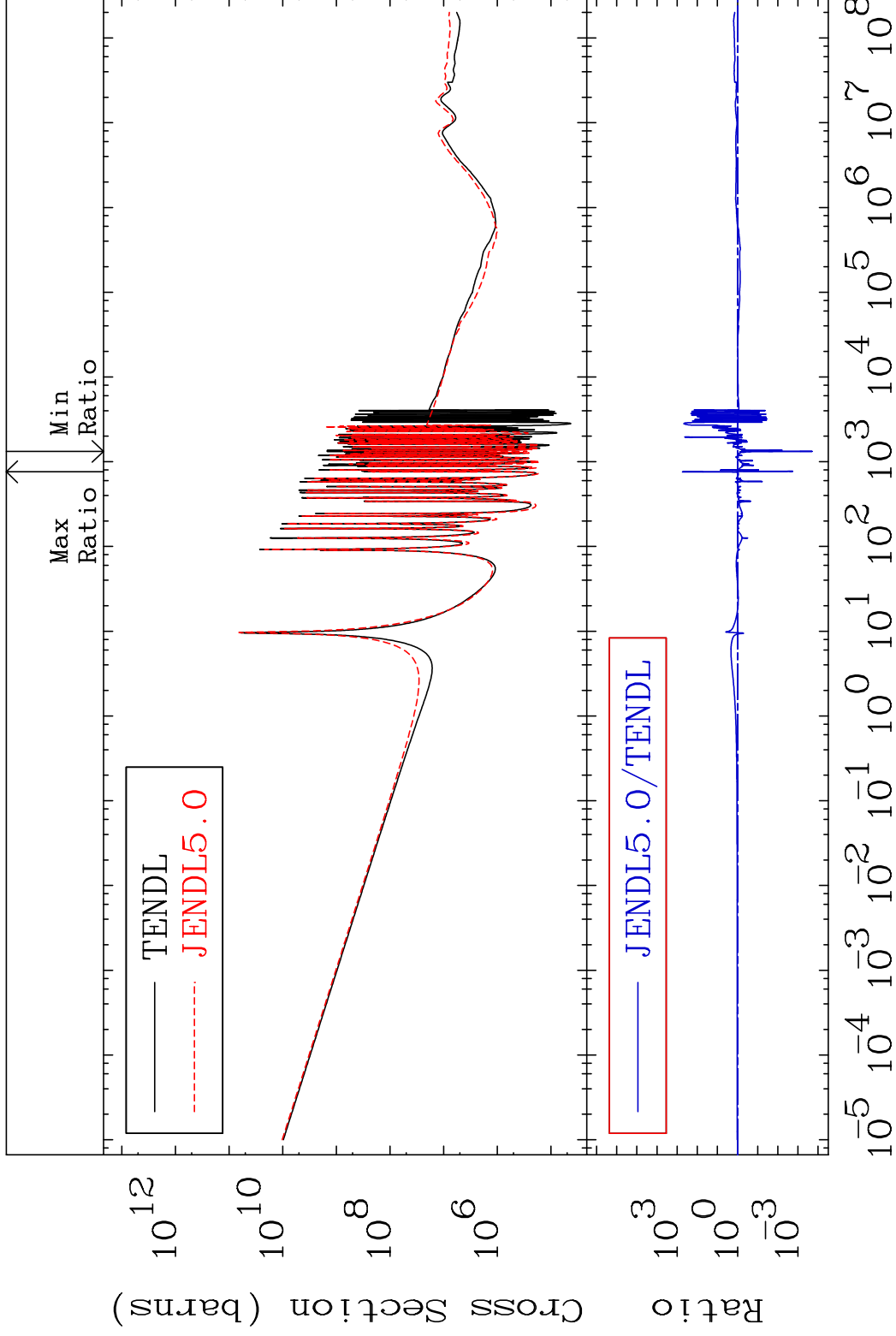
54-Xe-129

MAT 5440

Total photon (eV-barns)

54-Xe-129

Cross Section -99.98 To 9999. %

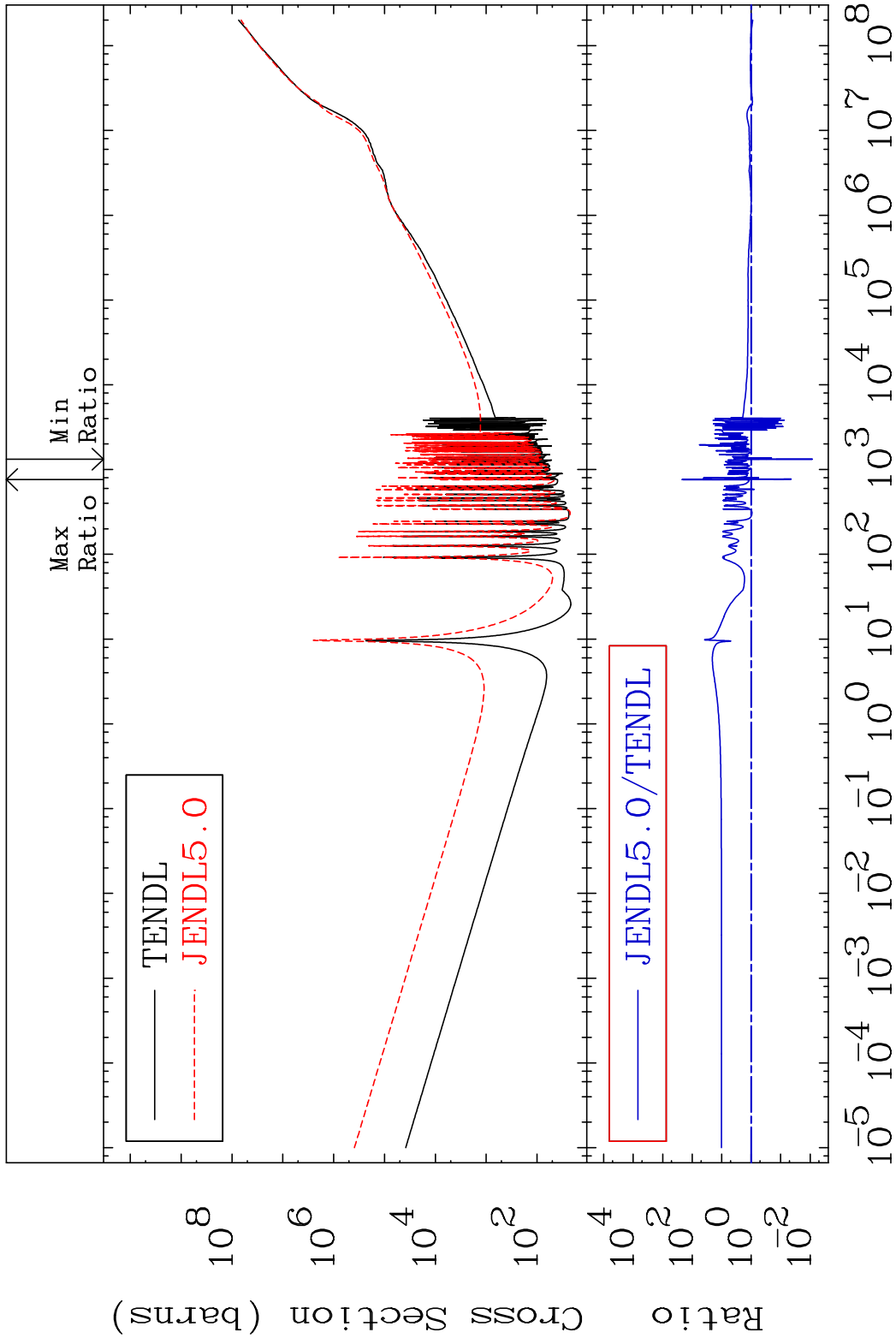


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Incident Energy (eV)

54-Xe-129

MAT 5440 Total kinematic kerma (high limit) 54-Xe-129
Cross Section -99.17 To 9999. %

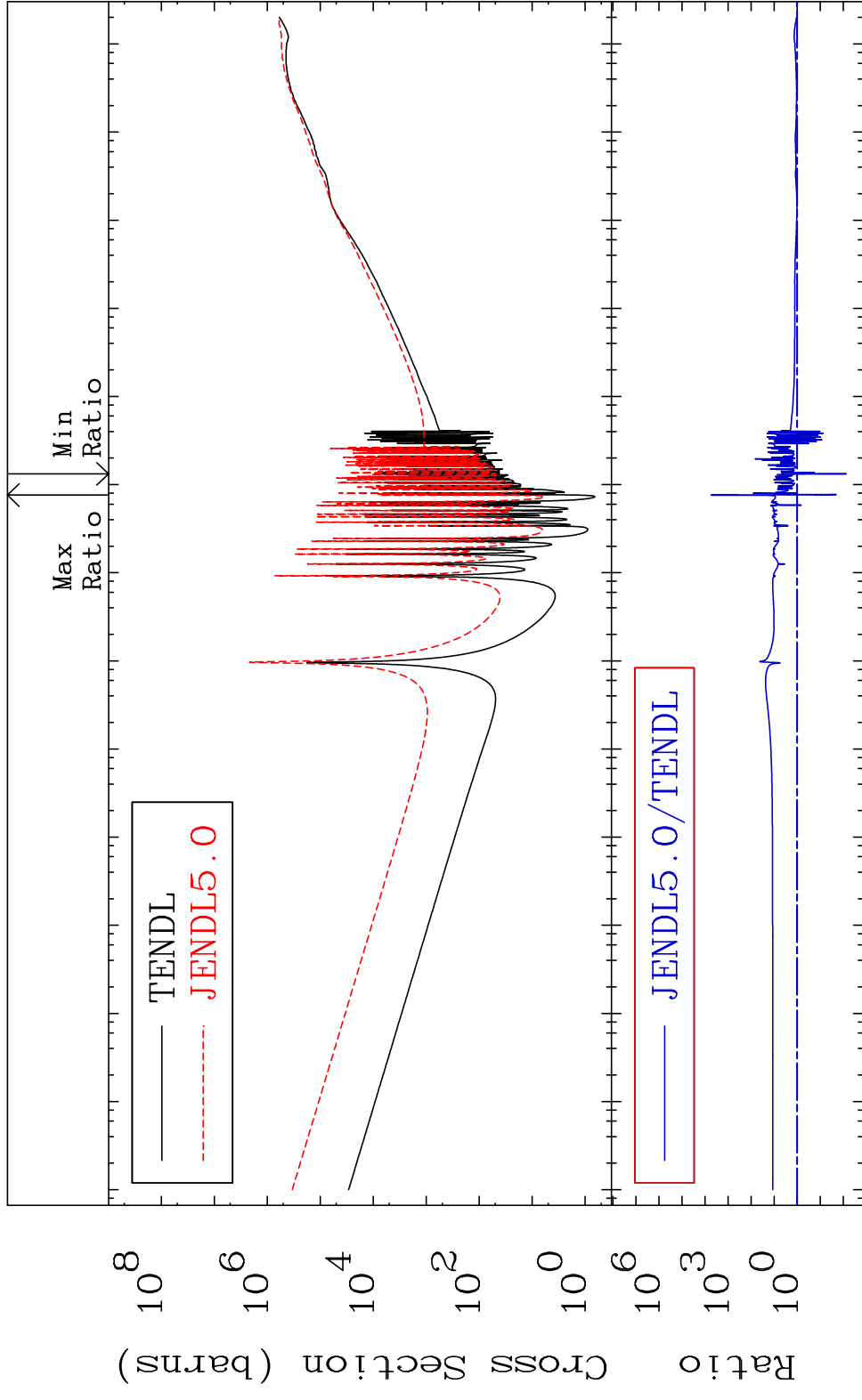


MAT 5440

Dpa total (eV-barns)

54-Xe-129

Cross Section -99.27 To 9999. %

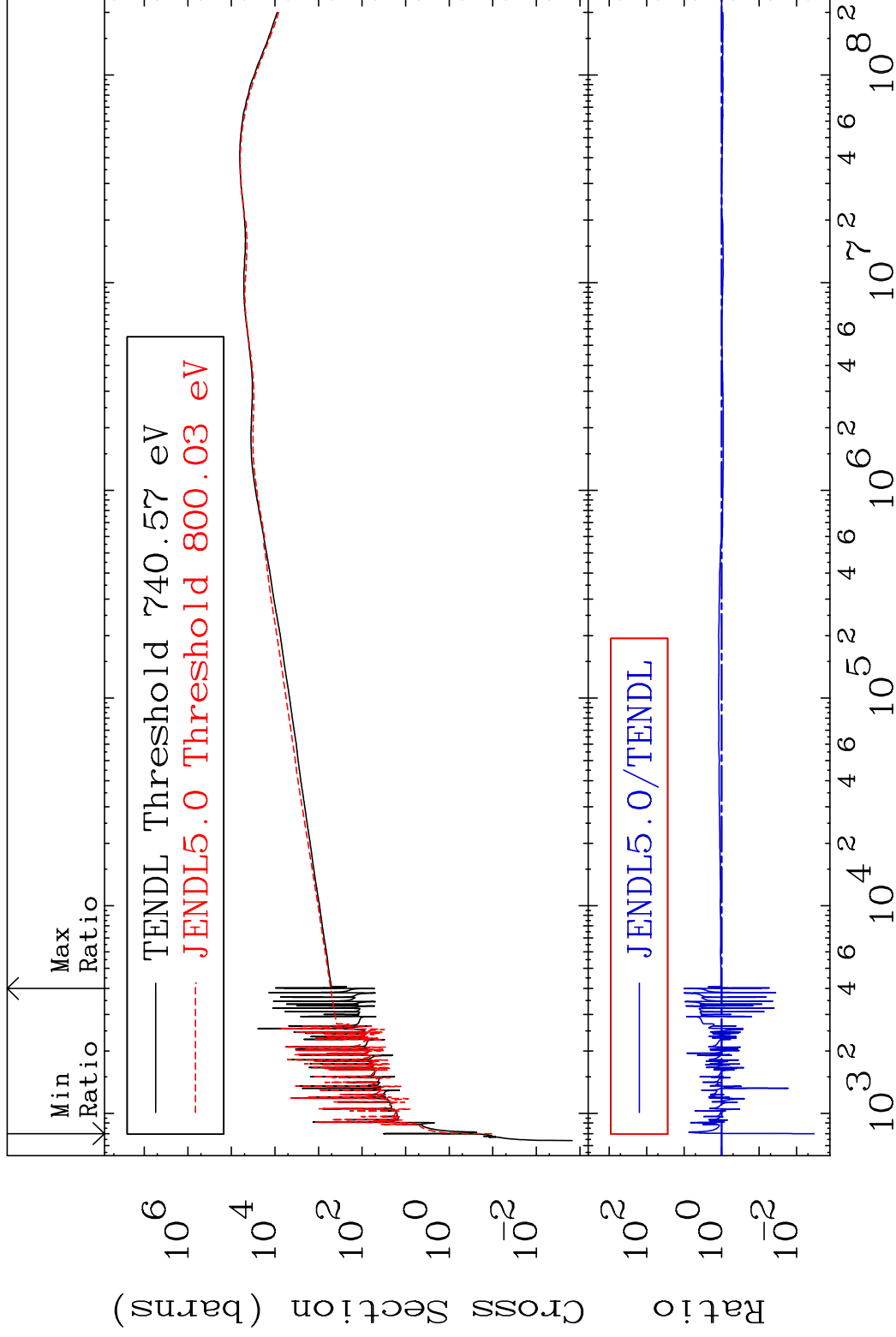


MAT 5440

Dpa elastic (mt2)

54-Xe-129

Cross Section -99.66 To 930.6 %

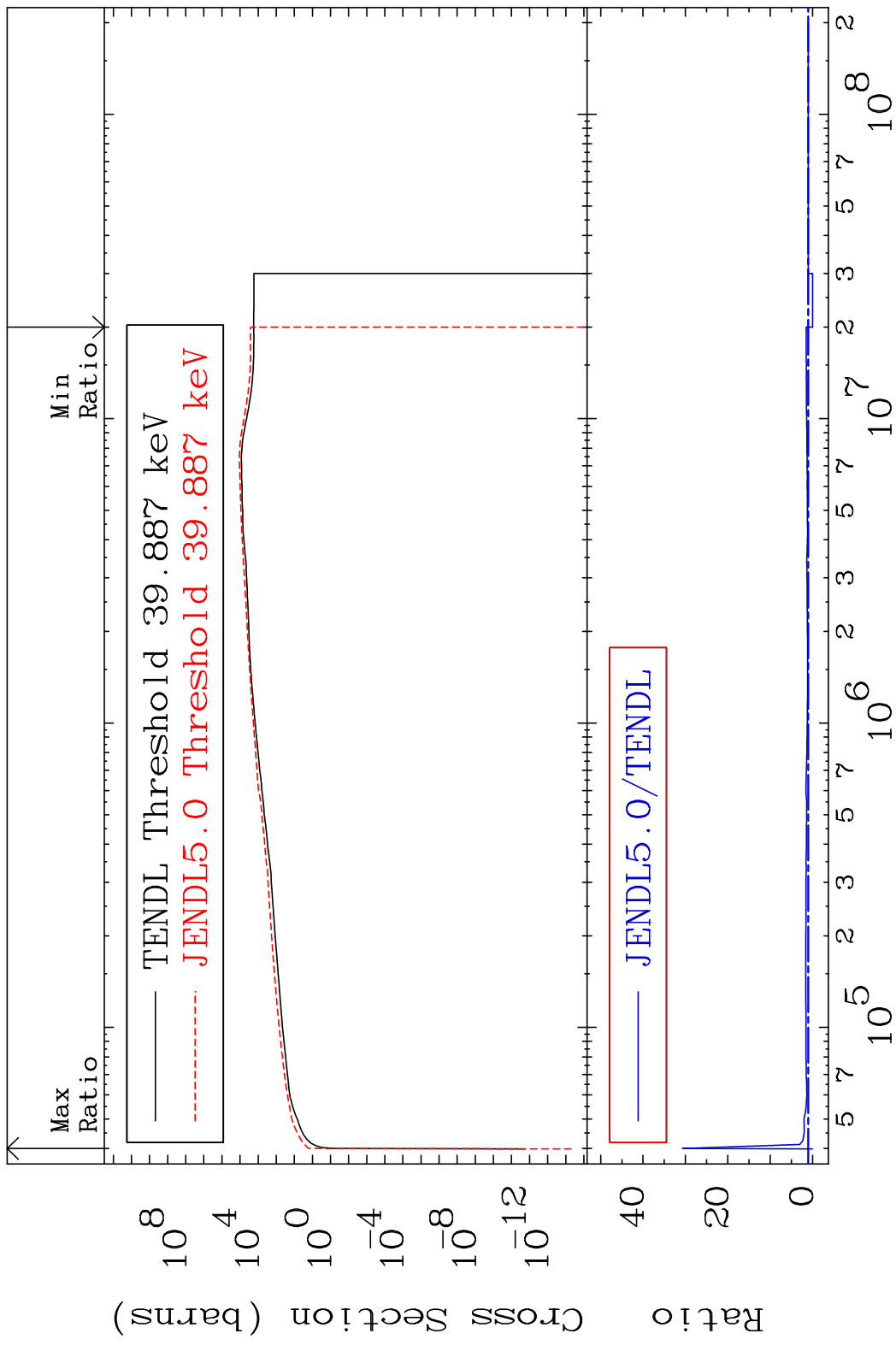


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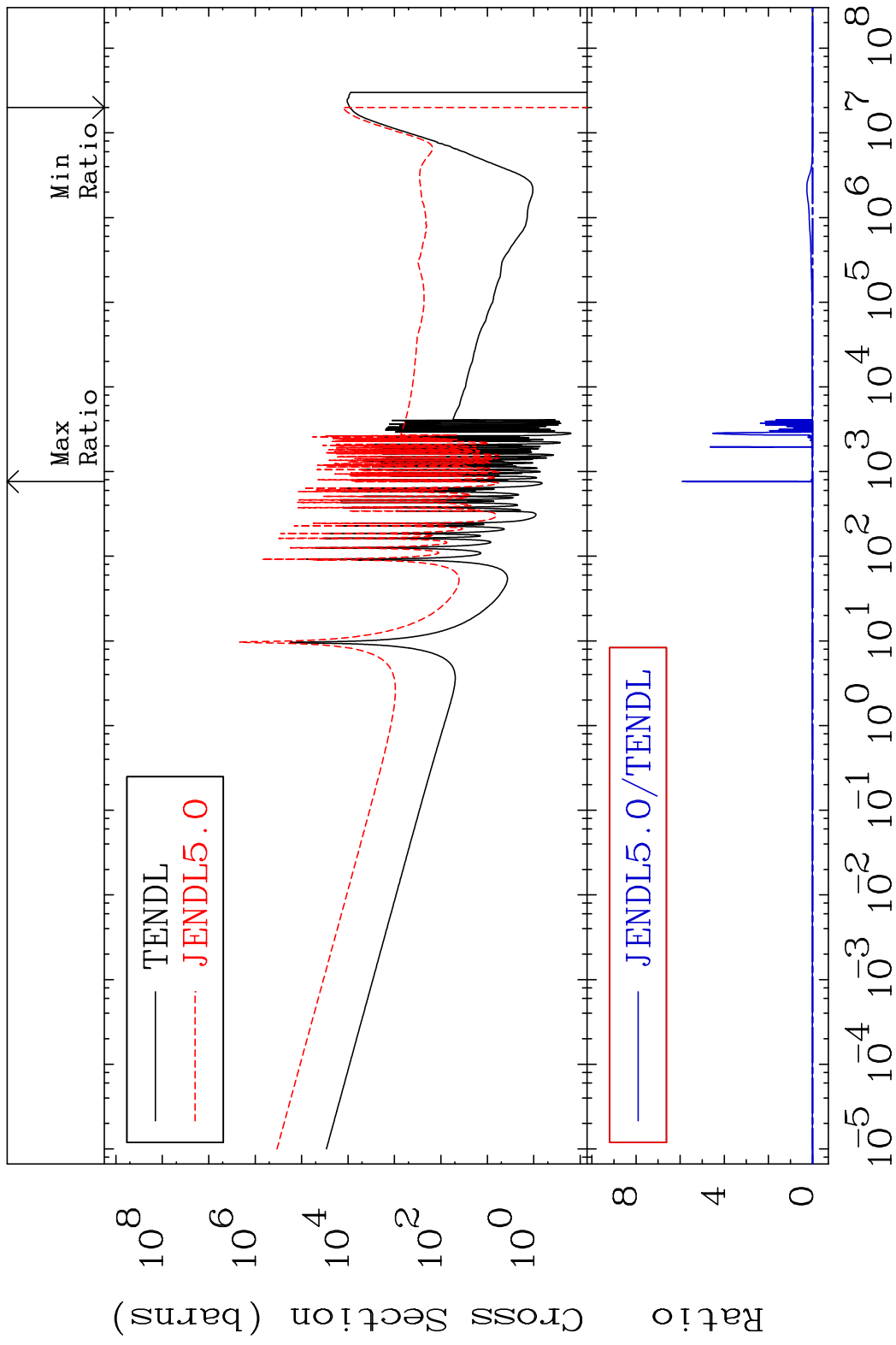
Incident Energy (eV)

54-Xe-129

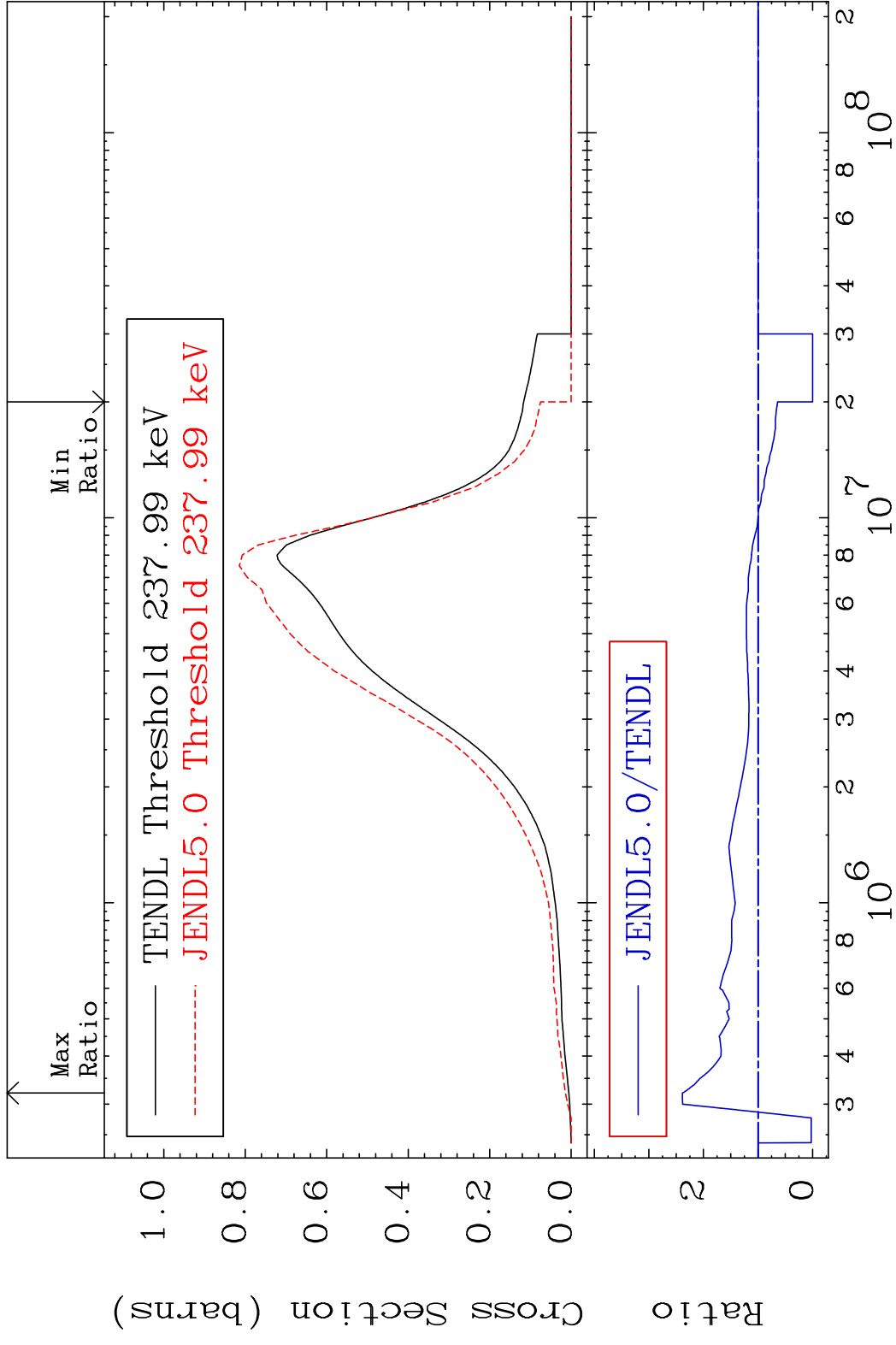
MAT 5440 Dpa inelastic (mt51-91) 54-Xe-129
 Cross Section -100.0 To 2972. %



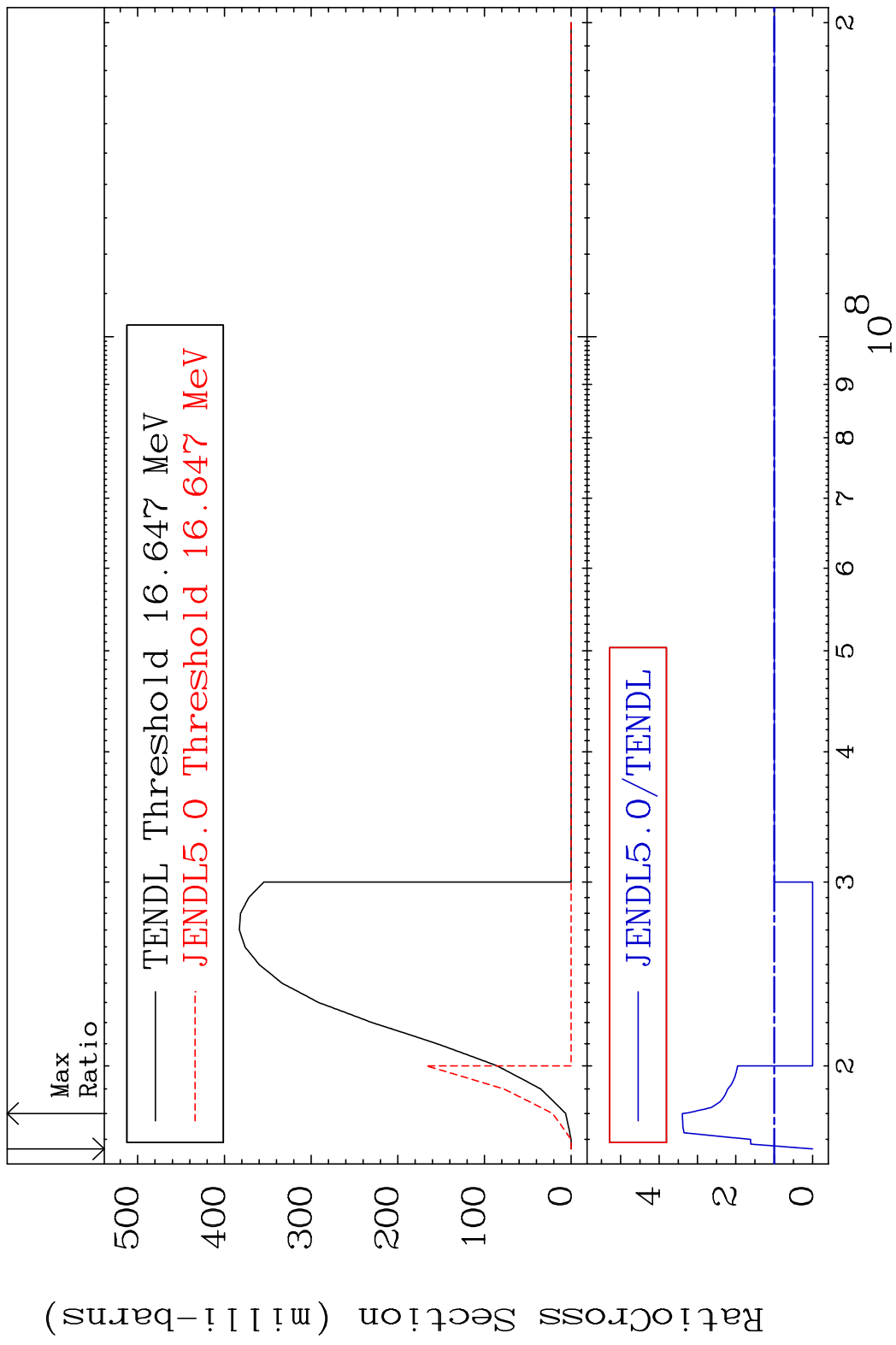
MAT 5440 Dpa disappearance (mt102 -120) 54-Xe-129
 Cross Section -100.0 To 9999. %



MAT 5440 Inelastic:54-Xe-129m2 54-Xe-129
 Radionuclide Production Cross Section 138.7 %



MAT 5440 (n,3n):54-Xe-127g 54-Xe-129
 Radionuclide Production Cross Section 180.0 dth 239.3 %



MAT 5440 (n, 3n):54-Xe-127m2 54-Xe-129
 Radionuclide Production Cross Section 180.0 dth 162.1 %

